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The White Mountain apiarist : the circle at home and the honey bee. Vol. 1, No. 4 May, 1891

Berlin Falls, N.H.: Aked D. Ellingwood, May, 1891

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Vol. 1. Berlin Falls, N. H. May, 1891. No. 4.



White Mountain Apiarist.

PUBLISHED MONTHLY BY
AKED D. ELLINGWOOD
AT FIFTY CENTS A YEAR
Berlin Falls, N. H.

BUSINESS NOTICES.

ADVERTISING RATES are 10 cents per line for one insertion; for two or more insertions the rates will be as follows: 1 inch, 75 cents; 2 inches, \$1.25; one half column, \$2.00; one column, \$3.50; one page, \$6.00.

SEND MONEY by money order, postal note or registered letter. Postage stamps taken. Make all money orders payable to Aked D. Ellingwood, Berlin Falls, N. H.

BE CAREFUL to give your name and address every time you write, that there may be no mistakes.

WE WANT the names of every bee-keeper in the United States. Please send us the names of your bee-keeping friends, that we may send them copies of the APIARIST.

WON'T YOU help us make the APIARIST a success by sending your own subscription at once, and by showing the paper to your friends and trying to induce them to subscribe. Get up a club of five, send us \$2.00 and keep the fifty cents as your reward.

The Under Dog.

I know that the world, that the great big world,

From the peasant up to the king,
Has a different tale from the tale I tell,
And a different song to sing.

But for *me*—and I care not a single fig
If they say I am wrong or am right—
I shall always vote for the weaker dog,
For the under dog in the fight.

I know that the world, that the great big world,

Will never a moment stop
To see which dog may be in the fault,
But will shout for the dog on top.

But for *me*, I shall never pause to ask
Which dog may be in the right,
For my heart will beat while it beats
at all,

For the under dog in the fight.

Perchance what I've said I had better
not said,

Or 'twere better I'd said it incog.
But with heart and with glass filled
chock to the brim,

Here is health to the bottom dog.

—Forests occupy 39 per cent. of the total area of Sweden, 36 of Russia, 28 of Hungary, 25 of Germany, 24 of Norway, 19 of Belgium, 17 of France, 18 of Switzerland, 17 of Spain, 12 of Italy, 4 of Great Britain and Ireland, and 19 of the United States.

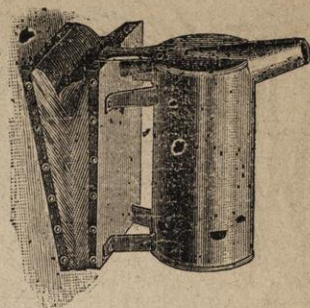
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This Smoker burns chips or hard wood without any special preparation. Very reliable. Greatest Smoking capacity. Easiest to start, and cheapest because it saves time.

The best Bee Feeder. Most convenient for the bees. No drowning or daubing bees. The feed is taken by the bees without leaving the cluster. From two to seven feeders full may be given a colony at one time which will be stored in the combs in ten or twelve hours.

Smoker, 3 inch barrel, freight or express, each \$1.20; by mail \$1.40; per dozen, \$1.80. Feeders, one qt. freight or express, per pair, 30c.; by mail, 40c.; per dozen, \$1.60. Address A. C. HILL, KENDALLVILLE, IND.
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THE WESTERN WORLD, Chicago, Ill.

THE ROCKY MOUNTAIN REGION

is coming to the front as one of the best locations for the fruit grower and honey producer; the representative paper of that region is the

INTERMOUNTAIN HORTICULTURIST.

Published Monthly by Jno. C. Swaner, 331 10th East St. Salt Lake City, 50¢ a year. Send for sample. Utah.

NEVER BUY A QUEEN

Bee. Until you Send for my Catalogue, which will be mailed for a Stamp.

UNLESS WARRANTED,

I warrant all my Queens

PURELY MATED.

PLEASE COMPARE my prices with other breeders: Warranted purely mated queens in May, \$1.25, 6 for 6.00. after May, 1.00, 6 for 5.00. Tested queens in May, 2.00; June 5.00, July, 1.75; after August, 1.50. SELECTED TESTED, 3.00 to 5.00. SAFE ARRIVAL GUARANTEED anywhere in America.

Either FIVE BANDED GOLDEN or THREE BAND IMPORTED ITALIANS at above prices, and orders can be made up of both. Order now, pay when queens arrive. *You will regret it if you don't try my queens.*

JACOB T. TIMPE, Grand Ledge, Mich.

The Nebraska Bee- Keeper

is published monthly at York, Neb. in what was once called the American desert, but now is a good location for bees. It is edited by L. D. Stilson, a man who keeps bees and is not ashamed to own that he gets stung occasionally. He does not claim to know *all* about bee-keeping, but is willing to learn some more. Send and get a sample copy and see whether the editor is asleep or not.

Address, BEE-KEEPER, York, Neb.
In club with this paper for 75¢ per year.

Carniolan A Specialty Bees.

I expect to continue the breeding of Carniolan Queens and Bees the coming season, and shall breed only from such queens as have shown in their workers gentleness and good honey gathering propensities. Orders are now being booked for next season. Address

JOHN ANDREWS,
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one year and six packets of garden and flower seeds 25 cents. Write for particulars. Sample copy free.

ITALIAN BEES AND QUEENS,
Bee-Keepers' Supplies and Garden Plants for Sale. JOB PRINTING for Bee-Keepers and Poultrymen a specialty. Address
J. J. MARTIN & SON,
North Manchester, Ind.

White Mountain Apiarist.

PUBLISHED MONTHLY BY
 ALEX. D. ELLINGWOOD
 AT FIFTY CENTS A YEAR
 Berlin Falls, N. H.

Entered at the P. O. at Berlin Falls, N. H. as
 Second Class Mail Matter, March 9th, 1891

SPECIAL CROPS.

As stated in the March number of the APIARIST, we have purchased SPECIAL CROPS, a neat little journal published by C. M. Goodspeed, of Skaneateles, N. Y., and have consolidated it with the APIARIST. All unexpired subscriptions to SPECIAL CROPS will be filled by the APIARIST, and all advertising contracts will be transferred to the APIARIST. Advertisers will readily see that this transfer will be greatly to their advantage, as they will not only reach all the subscribers of SPECIAL CROPS, but also have the advantage of the large circulation of the APIARIST.

We ask the hearty support of the subscribers and advertisers of SPECIAL CROPS. Help us make our journal the *best one*. Send in anything for publication that will be valuable to our readers, and remember that we need your financial assistance. As soon as subscriptions to SPECIAL CROPS expire we shall send each person a subscription blank for the APIARIST, and if we do not receive orders to discontinue we shall send the APIARIST regularly.

PREMIUMS.

Subscriptions are now coming in quite freely, but we must have 1,000 regular subscribers before the first of next January, and in order to insure success in this line we have decided to offer the following premiums:

1st. A mosquito bar bee veil with

silk face; this is to be given to every one sending us two new subscribers at the regular subscription rates; your own name can count as one if you desire it. Those who have already subscribed can obtain the bee veil by sending one new subscriber.

2nd or Grand Premium. The person who sends the largest list of subscribers by August 1st will receive free of charge a full swarm of Italian bees in hive all complete. The swarm and hive will be worth \$8.00.

3rd. The one sending the second largest list will receive free one Dove-tailed hive complete.

4th. The person sending the third largest list will receive Clark's cold blast smoker free by mail.

Remember that in addition to the large premiums you will receive a bee veil for every two names; if you do not want more than one veil, you can select any other article from our catalogue, the price not to exceed the price of the veil.

The competition will be open until the 1st of August, and all prizes will then be promptly sent. The bee veils will be sent as fast as earned.

Some one will get these prizes; who will it be?

INTRODUCING QUEENS.

We are often asked, "What is the best method of introducing a queen?"

We give this as the simplest and most likely to be successful.

First make sure that there is no queen in the hive; then suspend the new one between two of the brood combs in a small wire cage; most of the shipping cages will answer. In about thirty six hours open the hive, and if the bees are not biting or running excitedly over the cage, open one end of it and stop it up with candy or honey, and hang it back in the hive. The bees will soon eat away the honey and let the queen out.

When writing to any of our advertisers please say that you saw the advertisement in the *Apiarist*.

The price of comb foundation has been advanced three cents per pound by all the larger dealers.

The NEBRASKA BEE-KEEPER is one of the cleanest bee journals that come to our desk. It's as even as the prairie on which it is published, and it's as clean as careful work can make it. Success to the NEBRASKA BEE-KEEPER.

Don't be frightened if you receive three or four sample copies of the *APIARIST*; we shall send out sample copies all through this year. We hope to induce you to subscribe.

Life is too short, and we have too much to do to make it a success, to spend our time in petty quarrels. The *Apiarist* will always be ready to speak a good word for a brother, and do anything in it's power to help a brother in trouble, but will not open it's pages to slanderous reports against anybody. We simply cannot do it. It makes no difference who or what the person is, if we cannot publish something good about him we shall publish nothing at all. We are led to believe by our contact with all classes of people, that many or nearly all people who fail to meet their obligations would do so if possible. We cannot know the sufferings they endure, the losses and hardships they have had to bear, and we had better not judge. To slander a person is often to discourage him and hinder him in his endeavors to rise above his misfortunes. We cannot have too much charity. Even the thief needs sympathy, and

"Our heart shall beat while it beats at all,

For the under dog in the fight."

So far as we can learn, bees in the New England states wintered fairly well, yet some have lost heavily. The weather up to this date has not been as favorable as we could wish, but the prospect for a good crop of white clover is good.

We hope to see as much interest taken in the contest for new subscribers as has been taken in the grape vine contest.

Reports all go to show that bees wintered in the cellars the past winter, have come out in better condition than those wintered out of doors. Not only have they consumed less honey, but fewer colonies have died.

We will send the *White Mountain Apiarist* from now until January 1st, 1892 for 25 ¢.

Wallace Clark, in the *American Bee Keeper*, says it amuses him to hear editors and dealers predict, "Everything points to a splendid honey season."

The *American Bee-Keeper* proposes to direct its energies in helping the *beginners* in bee culture.

We have not yet fully decided just what the policy of our journal will be; in the meanwhile we shall give our readers only such reading matter as we trust will hurt no one, and perhaps benefit some.

We want everyone receiving this number of the *Apiarist* to send us a contribution. If you have anything of value to the fraternity, write it up and send it in. Constitute yourselves news gatherers for the *Apiarist*, and help us make this the best journal published.

Subscribe for the *Apiarist*.

Management for Comb Honey.

BY DAYTON.

The most essential thing in securing a large crop of comb honey is a strong swarm of bees; not a hive heavy with honey in the brood chamber, but a hive with little honey below and plenty of bees. It is the number of bees that we want, with the brood frames well filled with brood not honey. Put your section case on early, or just as the bees begin to bring in honey freely, and encourage them into the sections; to do this put a section or two into the case partly filled with honey, or if you do not have one pour some sugar syrup on top of the sections, letting it run down inside; it will do no harm to repeat this several times. Now after the bees are well at work in the sections, or perhaps when they have a part of the sections well capped over, raise this case up, bees, honey and all, and place a new case with sections, etc. on top of the frames, placing the case raised up, with honey, etc., on top of the new case. The bees, finding a cavity between themselves and the brood nest, will go to work with great vigor to fill it up, leaving bees enough in the top case to finish that up. Thus you will have them working in two cases at once. We oftentimes raise both cases after they get the second one partly filled, and put on a third one; a strong colony will sometimes work on three or four cases at once. Always put the empty case beneath the one partly filled, never on top as the bees will not go above until the lower case is completed, but will work in a lower case if there is one above partly filled with bees and honey.

If your cover is not deep enough to take these extra cases you can easily make an extra body of boards that will answer every purpose; just make a

body without bottom or cover, placing this body on the hive and placing the hive cover on the new body. As soon as the top case is finished the bees will nearly all go below, and then you can remove the honey without any trouble. We sometimes secure 125 or 150 pounds per colony by this method.

Swarming Notes.

BY DAYTON.

If you want to increase your number of colonies, let your bees swarm naturally. A careful watch must be kept over them from about the 20th of May to the first of July, or perhaps later. We have had swarms in August and September. When a swarm proceeds from a hive they will remain in the air until all are out, and will then generally settle on a bush or some handy object. It is a good idea to stick up little spruce trees or bushes among the hives, on which the bees may cluster; with us, they will generally settle on these bushes in preference to the taller trees; after they are well settled take your hive and bring it up beside the bees, remove the cover, and if the bees are on a bush or small tree put the hive right under the cluster and give the bush a quick shake, shaking the bees right onto the frames. If the bees are high up from the ground, cut off the limb on which they are clustered and place the limb, bees and all, on top of the frames. Place the enamel cloth on the bees, and put on the hive cover.

Let the hive remain where it is for an hour or so, then place it on a permanent stand.

For swarms that go high up on trees we have a windlass made on which to set the hive and then wind the hive right up under the cluster; we then go up on the ladder of the windlass and shake the bees into the hive.

Words of Welcome.

BY CHARLES CHOLMONDELEY.

"Wherefore, O! rash Apiarist, didst thou venture to launch thy frail bark upon the uncertain sea of Beedom? Knowest thou not that there are ten other periodicals bidding boldly for the patronage which by right of seniority, belongeth to us?"

Such, methinks, were the sentiments of some of the older journals when they saw the first number of the *Apiarist*.

Well, I like the style and tone of the *White Mountain Apiarist* very much, and predict for it a large and rapidly increasing circulation. One point that pleases me most is, the *Apiarist* seems to have adopted the Golden Rule, and is not afraid of giving a friendly notice of another "*bee-paper*," as one of the pioneer journals once sneeringly dubbed a young candidate for public patronage.

I cannot see the necessity for such a "dog-in-the-manger" spirit. There are apiarists enough in each state east of the "Father of Waters" to support one "*bee-paper*," and I think each bee-man should subscribe for the periodical published in his own state first; then for one or more of the others located in about the same latitude.

POISONOUS PARIS GREEN.

As it will soon be time for fruit trees to bloom, I wish to "tell my experience", and issue a warning word to bee-keepers generally.

Two years since, my next neighbor ("he has gone to the bourne",—*requiescat in pace*), being apprehensive of the ravages of the curculio ("curley-kew" he called it) among his plum-trees, sprayed them liberally, when they were in blossom, with Paris-green. My bees visited his trees and the result was disastrous; they were

almost centemated. They gathered no clover honey that season, and I was barely able, by generous feeding, to build up my stocks so as to winter them successfully. Now spraying fruit blossoms is useless. The bug does not deposit its egg in the blossom, but in the embryo fruit. The spraying should be done immediately after the blossoms have fallen off: then they contain no honey, and bees will not visit them. Bee-keepers of each state should endeavor to induce their legislators to pass a law prohibiting the spraying of fruit trees when in blossom, with any poisonous matter.

Buffalo, N. Y. April 9th, 1891.

Bee Notes for May.

The bees should now be placed on the stands on which they are to remain for the summer, and should not be moved.

All hives should be about eight feet apart each way.

If any dead bees, mold, or dirt of any kind remains in any of the hives, it should be removed now.

We manage after this fashion: We take an empty hive body (clean), and set it beside the hive we wish cleaned. Then lift the frames, bees and all, from the dirty hive and place them in the clean hive. Remove the dirty hive from the stand, place the clean one containing the bees in its place; put on the cover, and the work is done.

The old hive can be cleaned up and used to put the next swarm into.

It would greatly benefit a swarm of bees at this time of year to feed them a quart or two of sugar syrup. It stimulates brood rearing, thus making the colonies stronger by clover bloom.

Hives should face the southeast, so to get the sun early in the morning.

We do not advocate the use of honey boards, but we sometimes use them if

the queen gets too high minded and lays eggs in the sections.

Put your section cases on early if you want honey instead of new swarms. If you want new swarms don't put the section cases on until after the swarming season is over. If bees have plenty of room to work they will not be very likely to swarm.

Buying Bees.

A few suggestions to those wishing to begin Bee-keeping.

We recently received the following letter from a gentleman to whom we had quoted prices on bees etc. We publish it as it shows about what advice the person wants who understands nothing about bees.

"Dear sir; Your answer to mine of 13th inst. duly received, with letters from several other apiarists, and catalogues, prices, etc. To a man who knows little or nothing about bee-keeping, the terms used by bee men are all Greek. I am a plain man with plain ideas, and what I want is a colony of pure Italian bees with queen of same, comb, and everything ready to set up, and let them do the work. I don't propose to meddle with the bees much, therefore I see no need of veil, smoker, gloves, etc. etc. I don't want any more expense than is necessary to give me one hive of bees, and two extra hives all complete for the bees when they swarm. Now send me by return mail just your price for above."

It is true that a great many terms used by apiarists are Greek to those who know nothing about the business, but we think no more so than the terms used by managers of any other kinds of business. Our object at this time is to help those who are not acquainted with the business, its terms, etc., in the selection of their first outfit.

The first thing to purchase is the bees themselves. There are several races of bees, each race buzzing forth their own points of superiority; we will suggest here that you try the Italians; they are good enough at any rate.

Buy a full swarm on ten standard L frames, in hive all ready for comb honey, if that is what you want to work them for. Ask your dealer for one full swarm of Italian bees on ten frames in hive complete. Such a swarm should cost you at this season of the year, eight or nine dollars.

Now you will want two extra hives to put the bees into if they should swarm, which they usually do twice each season, although if given plenty of room in the surplus apartment they may not do so.

Buy your two hives all complete. If you are handy with tools you can buy hives in the flat (i. e. not nailed or painted) and put them together yourself.

We do not recommend a great lot of other traps for the beginner, but think a veil and smoker very essential.

Subscribe for a good bee journal, and you are now ready for your first season's work with the bees.

Don't buy nuclei or small colonies covering only two or three frames, but get a good, full, strong colony of Italian or Black bees, and if the season is favorable you will be satisfied with the results.

Moving Bees on a Wagon.

BY H. C. FARNUM.

As there are no doubt more or less bees to move this present spring, perhaps a few words of experience will not come amiss. In moving bees great care should be taken that the brood frames be well fastened by tacking a small piece of wood at each end of the brood chamber. Then be sure you

have the entrance of the hive well closed, and then tack a small piece of $\frac{3}{8}$ of an inch square all round the hive, to keep it from slipping off the bottom board. Take a piece of cord and tie around to keep the cover and hive together. If the roads are passably good a lumber wagon with a hay rack on 16 feet long and 7 feet wide is very good.

With this kind of a rigging 25 colonies of bees can be carried in good shape; put some boards on the rack so as to make sort of a platform, then place the hives on with the combs crosswise of the road, and tack each hive tight to the rack to prevent the hives from coming loose and getting off the rigging. After the bees are all loaded on, take a clothes-line and tie all around and over the load. Then you have the little rascals pretty well fixed, but they should be watched lest they find some small hole by means of which they might escape. Of course if the road is very bad a spring wagon is best. However, I moved 25 colonies the distance of twenty miles and the roads were pretty bad; the loss was only one frame of honey.

Aristotle, N. Y.

What the Other Journals are Saying.

The day for despising "small things" on the farm has passed away and the "odds and ends" are being looked after more closely than ever before. Men and women too are learning that a few hens well cared for will help supply the table with meat and groceries, while a few stands of bees supply a large part of the family sweetening, and the surplus is eagerly sought after by the village grocer; while a nice garden with its early fruits, vegetables and flowers, helps to fill "a long felt want." These three things can supply one half the

living for the family, and some men are finding out that it is easier and better than to live on bread and hog meat. Others are getting interested and some of the things once considered as beneath the notice of the driving farmer are now recognized as honorable pursuits.—*Nebraska Bee-Keeper*.

Some styles of bee hives are so large that the covers must be made of more than one piece. To prevent leakage, they have been covered with tin. This is expensive, and some bee-keepers have been trying heavy cotton cloth instead of tin. The cover is first painted, then the cloth laid on, and another coat of paint put on over the cloth.
Bee-Keepers' Review.

GLUE FOR ADHERING TO TIN.

This is a recipe for making glue that will make honey-labels adhere to tin. Oliver Foster obtained the recipe of D. E. Brubaker, and sent it to GLEANINGS, giving his method of using it as follows: Stir two ounces of pulverized borax into one quart of boiling water. When dissolved, add four ounces of gum shellac. Stir while it boils, until all is dissolved. Apply with a brush in the usual way. I prefer using a little less water, especially if the labels are small and stiff; then if it becomes too thick to apply readily, warm it a little, or add a little hot water. After applying the label, I press a damp cloth over it to press out and wipe off any surplus glue that may come to the edge.—*American Bee Journal*.

In a few years the clumsy things will be among the things of the past.

Only a few years ago bee-hives were made of two-inch plank. The hive of the future will not be much thicker than three-eighths of an inch, and their outer cases will be used in cold changeable climates.—*APICULTURIST*.

Correspondence.

Mr. Aked D. Ellingwood. Dear sir;

Papa and I have 16 colonies of bees; we had 21 colonies in the fall; there was something wrong with the queens; we found some queens dead at the entrance of the hives, and then we would examine the colony; there was plenty of bees and honey. We found five or six dead queens; one of the swarms is living yet; they have plenty of honey, but they have no queen. We put some frames of brood in the colony; they would raise a queen but in two or three days we found some of them dead, with a hole in their stomach. We examined the colony; we thought there was a queen in the hive; we looked three or four times, but could not find any queen. The 15 colonies having queens are getting along nicely now, but it has been so wet here this spring they could not get any pollen for the young bees. I like to work with them, but I do not like to get stung very well. I would like to win one of the prize grape vines. I am fourteen years old. Yours truly,

C. Kemp Brown.

Aristotle, N. Y. 4. 11, 1891.

Mr. A. D. Ellingwood. Dear sir;

I herewith enclose the names and addresses of 74 real bee-keepers who reside in New York and Pennsylvania, which I can guarantee to be correct. I don't send the names thinking that I have procured the largest list of names, nor do I send them simply to receive reward. I send them to help make your journal, the White Mountain Apiarist, what you desire it should be, one of the leading journals in America. And I can highly recommend it to all bee-keepers who wish valuable information. Yours very resp'y,

H. C. Farnum.

I received a copy of the White Mountain Apiarist today, and will try to do as you wish in regard to writing. I was born in Ohio and drifted west till I brought up in the "desert" that you spoke of. I will admit that it used to be called the great American Desert. I don't think that was a proper name, for it is one of the finest countries in the world. I have a right to

judge it, for I have lived here 23 years, and fought Indians, killed buffalo, trapped beaver, lived in a sod house, lived on meat straight weeks at a time; that was when the country was new. At present there are all the modern improvements here that there are anywhere, with much of the unpleasantness left out. We have as fine bees here as they have anywhere. The Italians take the lead; the bees are greater favorites here than the Italian people. My bees gathered natural pollen today, Apr. 14th, the first this spring. My apiary is five miles from the nearest town, still there are three different railroads within seven miles of me.

Buckskin Charley.

Farmers Valley, Neb. Apr. 14th, 1891.

A "NEW HAMPSHIRE BOY" IN COLORADO.

A. D. Ellingwood. Dear sir;

A "New Hampshire boy" away out here in Colorado, would like a sample copy of the White Mountain Apiarist. Twenty five years ago I used to take more honey into Boston than any other person in the N. E. States. Lived then in Vt. I was one of the first to adopt the Langstroth system of bee-keeping. Began in 1862; bought my first Italian queen of Langstroth in '65.

Respectfully yours, D. C. Hunt.
Canon City, Colo. Apr. 27th, 1891.

Pleasanton, Ohio. April 16th, 1891

Mr. A. D. Ellingwood. Dear sir;

I received the sample copy of the White Mountain Apiarist. Well, I don't know how big you are, but you have a mammoth want in you to want the names of all the bee-keepers in the United States, and I predict that you will never get your want satisfied. I have a small want. I want one of those grape vines.

H. T. Sewell.

Your want, friend Sewell, was not quite big enough to get the grape vine. Now we have a large want, and it's no less than the name of every bee-keeper in the United States. We will show you before long how we mean to obtain a large part of them. The Apiarist must go into every bee-keeper's home, Ed.

The Circle at Home.

— § —

Edited by Mrs. A. D. Ellingwood.

Summer is Coming.

"Summer is coming, summer is coming,
I know it, I know it, I know it.

Light again, leaf again, life again, love again!"

Yes, my wild little poet.

Sing the new year in under the blue,

Last year you sang it as gladly.

"New, new, new, new!" Is it then so new

That you should carol so madly?

"Love again, song again, nest again, young again!"

Never a prophet so crazy!

And hardly a daisy as yet little friend,

See, there is hardly a daisy.

"Here again, here, here, here, happy year!"

Oh! warble unhidden, unbidden!

Summer is coming, is coming, my dear;

And all the winters are hidden.

—Tennyson.

Women as Angels.

Josiah Allen's Wife and the Senator.

"Ahem!" says he. "Ahem, as it were. As I was saying, my dear madam, these angelic angels of our homes are too ethereal, too dainty, to mingle with the rude crowds. We political men would fain keep them as they are now. We are willing to stand the rude buffetings of—of—voting, in order to guard these sweet, delicate creatures from every hardship. Sweet, tender beings, we would fain guard you—ah, yes! ah, yes!"

Says I, "Cease instantly. Such talk is like thoroughwort or lobelia to my moral stomach." Says I, "You know and I know that these angelic, tender

bein's, half clothed, fill our streets on icy midnights, huntin' up drunken husbands and fathers and sons. They are driven to death and moral ruin by the miserable want liquor-drinkin' entails. They are starved, they are frozen, they are beaten, they are made childless and hopeless by drunken husbands killing their own flesh and blood. They go down into the cold waves and are drowned by drunken captains; they are cast from railways into death by drunken engineers; they go up on the scaffold, and die of crimes committed by the direct aid of this agent of hell.

"Wimmen had ruther be a flyin' round than to do all this, but they can't. If men really believe all they say about wimmin, and I think some of 'em do in a dreamy way—if wimmin are angels, give 'em the rights of angels. . . If you want to be consistent—if you are bound to make angels of wimmen you ort to furnish a free, safe place for 'em to soar in. You ort to keep the angels from bein' meddled with, and bruised, and killed, etc."

"Ahem!" says he, "As it were, ahem."

But I kept right on, for I begun to feel noble and beside of myself:—

"This talk about wimmin bein' outside and above all participation in the laws of her country, is jest as pretty as I ever heard anything, and jest as simple. Why, you might jest as well throw a lot of snowflakes into the street and say, 'Some of 'em are female flakes and mustn't be trampled on.' The great march of life tramples on 'em all alike; they fall from one common sky, and are trodden down into one common ground."

Wondrous is the strength of cheerfulness; altogether past calculation its power of endurance.

Frugality provides an easy chair for old age.

A Talk with the Girls.

BY A. F.

This time I come for a talk with the girls who cannot be persuaded to attempt the Chautauqua course of study, yet who wish to be doing something in the way of mental improvement.

I will tell you of a plan you can all adopt—study the Sunday school lesson. "Oh we do! We always go to the class ready to answer questions in the quarterly except the very hardest ones." Ah! so you study the quarterly, do you? On the title page of my quarterly I read, "an aid to the study of the lesson;" and the lesson is to be found in the Bible. Haven't some of you overlooked this fact and been satisfied with giving the topics suggested by the quarterly careful study?

You reverence the Bible as a book for devotional use; do you know that it also presents a fascinating field for study in biography, geography, ancient history, literature, manners and customs? "But we have so little in the way of helps, and we cannot afford to buy expensive ones." Then begin with a concordance and Bible dictionary; get as good a dictionary as you can afford, though the cheapest will give you much material to work upon; but be sure that it contains maps. Study these till you can quickly and accurately draw the outlines of Palestine, and locate the principal mountains, bodies of water, and noted places.

Turn to the dictionary for a description of each person and place mentioned in the lesson, then use the concordance to find other passages where mention is made of them. You will soon wish for other books of reference; now make an effort to have new books purchased for the Sunday school library, and when the necessary funds are raised ask the committee

to put in place of the usual fiction a few books that give information. Send stamp to the Secretary of the Church Library Association, Cambridge, Mass. for the association's list of books; hand the list to your committee, asking them to select half a dozen or more books from the sections headed Biblical Geography and Antiquities, and Aids to the Study of the Bible.

John B. Alden, 393 Pearl St., N. Y., publishes a cheap edition of Giekie's works. Hours with the Bible, six volumes, sent postpaid for two dollars, and Life of Christ for 65¢. Of course type and binding are not equal to higher priced editions, but they are serviceable books.

A Life of Christ is invaluable in the study of the Gospels, and every Sunday school library should contain at least one.

The lessons for the first quarter of the present year followed the history of the kingdom of Israel. Make yourself familiar with the contemporary history of the kingdom of Judah; form your own estimate of the character and influence of each king and prophet whose words and deeds are recorded; notice the pithy comments of the sacred historian; for instance, of king Elah we are told that he was slain while "drinking himself drunk", and to the account of the wickedness of Ahab is added, "whom Jezebel his wife stirred up." Take up the lessons in this way and you will constantly find new topics for study.

Recipes,

TARTS.—Bake some deep tart shells, half fill them with jam, then put in a little whipped cream.

COMBINATION CAKE.—Yolks of two eggs, $\frac{3}{4}$ cup sugar, $\frac{1}{2}$ cup butter, 2 teaspoons baking powder. Divide in 3 layers, and into 1 stir 2 spoonful molasses, 1 teaspoon mixed spices, $\frac{1}{2}$ cup raisins; use this for middle layer of cake, and put all together with frosting made from the white of the eggs.

Who Gets the Grape Vines?

S. F. & I. TREGO, and Swedona, Ill.

MISS EDNA A. BOOMHOWER, Galloville, N. Y.

This competition has been a decided success. A large number of good names have been received, and no one is the worse for a little harmless competition. We give below a review of the lists received:

S. F. & I. Trego, 165.—Miss Edna A. Boomhower, 126.—Henry T. Sewell, 121.—A. B. Burkholder, 105.—N. A. Kremer, 103.—L. J. Simpson, 98.—M. L. Farrell, 81.—H. C. Farnum, 74.—J. F. Bunn, 72.—Wm. McLaughlin, 62.—Thomas Oberlitner, 58.—T. N. Thompson, 57.—Lionel Brokaw, 56.—R. I. Cromley, 52.—Mrs. Lizzie Scribner, 50.—L. A. Lowmaster, 50.—J. E. Sulouff, 48.—A. E. Bradford, 43.—D. E. Jacobs, 42.—C. E. Kendall, 41.—R. Miller, 38.—S. J. Crow, 36.—Oscar F. Wilkins, 35.—Mrs. W. N. Cooper, 32.—Vernon Eaton, 28.—D. E. Squier, 26.—C. Kemp Brown, 24.—G. W. Bryant, 20.—W. Clark, 16.—F. H. Dewey, 12.—O. B. Barrows, 10

We are so well pleased with the lists of names received that we have decided to give each person who sent a list, six months free subscription to the *APIARIST*.

The grape vines have been sent to the parties who won them, and we hope they will let us know if they received them all right.

We shall probably in the near future repeat this competition. Meanwhile let's see who will get the liberal prizes offered for new subscribers.

Man of the house to pedlar.—“Get out of here or I'll whistle for the dog.” Pedlar.—“Vell, now, but would'nt you like to buy a nice vistle?”—*Philadelphia Times*.

BEEES FOR FARMERS.

The farmer, above all others, ought to keep a few bees. He need not keep enough of them to make it a burden or part of his business to care for them, but enough to supply his own table with honey—the purest sweet there is. It is always handy to have in the house. If one has never kept bees, he will be unwise to go into bee-keeping rashly or extensively; a few hints, that may help some who are thinking of getting bees this summer, are given by Mrs. L. Harrison:

It is poor policy for beginners to purchase bees in boxes and barrels, as transferring is not the best kind of work for a novice. Better buy a good colony or two, not more, of Italians in a movable-frame hive. The Langstroth frame is to be preferred, for this reason: two thirds of the scientific bee-keepers use this frame, and bees sell better in hives where this frame is used. Every hive in an apiary should be exactly alike, so that every cover, frame, etc., can be mixed up and all fit when put together. Better choose a hive first, and not get a half dozen different ones to see which is preferable.

Success in bee-culture is attained only by the faithful performance of many little items. Some persons never have any “luck” with bees. Why? One year the moths destroyed them, and another season the swarms left while the hives were being made ready, washed with apple-tree leaves and salt. A person who expects to make a success in bee-culture must study their lessons well, learn the habits of these industrious insects and their wants, and supply them. Last year the honey crop was an almost complete failure, owing to the severe drouth, and many colonies this spring had not a day's rations ahead. Let there be a long continued cold storm, and bees in this condition must starve. *West'n World*.

LIST OF CATALOGUES RECEIVED SINCE LAST ISSUE.

A. G. Hill, Kendallville, Ind., bee-keepers' supplies and bees.

Leiningér Bros., Fort Jennings, O. Italian queens.

E. Kretchmer, Red Oak, Iowa. Bee-keepers' supplies, Italian bees, etc.

Chicago Bee Supply Co., 65 Clark St. Chicago, Ill, General Supplies.

J. P. Moore, Morgan, Ky. Italian Bees and Queens.

David E. Jacobs, Longley, Ohio. Italian Bees and Queens.

Rufus Stratton & Son, Hazardville, Conn. General line of supplies.

St. Joseph Apiary Co., St. Joseph, Mo. Supplies, etc.

H. C. Markham, Ann Arbor, Mich. Potatoes.

Oliver Fester, Mt. Vernon, Iowa. Italian Queens and supplies.

F. N. Johnson, Knoxville, Ill. Bees and supplies.

L. A. Lowmaster, Belle Vernon, O. Carniolan Bees and Queens.

F. H. & E. H. Dewey, Westfield, Mass. Italian Bees and Queens.

J. M. Young, Plattsmouth, Neb. Italian Bees.

Chas. Muth & Son, Cincinnati, O. Honey and Supplies.

Chas. Harrold, Alexandra, Neb. Italian Queens.

F. A. Lockhart & Co., Lake George, N. Y. Carniolan Bees and Queens.

Chas. White, Farmers Valley, Neb. Bees, Queens, and Supplies.

Colewick & Colewick, Norse, Texas. Italian Bees and Queens.

Seth Winquist, Russellville, Oregon. Everbearing Strawberry.

S. F. Reed, North Dorchester, N. H. Bees, Queens, and Strawberry Plants.

F. A. Salisbury, Syracuse, N. Y. Supplies in general.

Now is a good time to subscribe for the APIARIST.

Wants, Etc.

WANTED.—To exchange my new catalogue of Bee-Keepers' Supplies for your name and address plainly written on a postal card. Prompt returns made. W. M. Gerrish,

Nottingham, N. H.

Send your name and address for our new 1891 catalogue.

A. D. Ellingwood,
Berlin Falls, N. H.

MY NEW DOUBLE

WALL HIVE is COMPACT and LIGHTER than the 7-8 SINGLE WALL HIVES.

It can be Storyfied to any extent, and will take any of the furniture of the Simplicity or other similar hives. It has all the advantages of the single wall hive combined to the superior points of the double wall feature. Circulars free. Correspondence a pleasure.

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Waterbury, York County, Maine.

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Its methods and management.

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W. Z. Hutchinson,

Flint, Mich.

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Queens. 1 untested Italian in May, 1.00

Warranted, 1.25 Tested, 2.00

Virgin queens, 40¢ each.

Nice Black or Hybrid queens at .60 each the year through.

HIVES. Dovetailed, all complete for comb honey, nailed and painted, \$2.50

Portico hive, all complete, 2.75

Brood Frames, per 10, .25

Per 100, 1.50

10 with wire & foundation, 1.25

SECTIONS. Basswood, all in one piece, per 100, .75

500, 2.00

1,000, 3.75

Special prices for larger lots.

SMOKERS. Clark's cold blast, .50

Crate of five, 2.25

Bingham smoker. Little Wonder, .60

Plain, .85 Extra, 1.00

Large, 1.25 Conquerer, 1.50

Doctor, 2.00

Hill's New Smoker, 1.20

If any of the smokers are wanted by mail add 20¢ each.

Section Cases with T tins, in flat, .16

Made up, .20

10 in flat, 1.50

Shipping Cases, each, made up, .18

Novice Extractor, \$1.50

HONEY KNIVES. Bingham, 1.00

Muth's, .50

Knives by mail, 10¢ extra.

FEEDERS. Simplicity, each, .10

Hill's feeders, per pair, .30

Alley's Drone Trap, .50

VEILS. Globe bee veil, 1.00

Mosquito bar, .25

Grenadine, .60

Division Boards, .25

SCALES. 240 lb. Scales, 4.00

Little Detective, 2.50

24 lb. Spring Balance, .15

Clark's Starter Machine, .25

Little Gem Vise, .35

Prices of Pails, Jars, etc. given on application.

FOUNDATION. Heavy Brood and Medium, 45 ¢ per pound. Thin for surplus, 55 ¢.

Wheelbarrows. Farm work, \$3.50.

Light one with springs, \$4.50.

Yucca Bee Brush, 5¢ each; 10 for 35¢.

Davis Bee Brush, 15¢; ten for \$1.00.

Queen cages, 5 cents each.

Wood separators, per 100, 75¢.

Tin bars for wired frames, per hundred, 35 cents. Copper bars for wired frames, per hundred, 50 cents.

Carlin Foundation Cutter, 10 cents.

Queen register cards, ten for 5 cents; per hundred, 40 cents.

No. 30 wire for wiring frames, per pound, 30 cents.

Chalk Line, 5 cents.

1 Foot Rule, 10 cents.

Screw Driver, 10 cents.

Enamel Cloth, per yard, 20 cents; piece of twelve yards, 2.35.

Force Pump, brass, 2.00.

Japanese Buckwheat, per bu., 1.25.

Honey Boards, perforated zinc, 20 c.

Slatted Honey Boards, 25 cents.

Wax Extractor, 2.25.

Box Scraper, 25 cents.

Rubber Gloves, 1.75.

Wire Imbedder, 20 cents.

Wire Cloth, per yard, 45 cents.

Perforated Zinc per square foot, 10 c.

Tin Separators, each, 2 cents; per hundred, 1.75.

Wire nails, 1 inch or smaller, per pound, 15 cents; over 1 inch, per pound, 10 cents.

Section Press, 2.00.

Jones' Frame Pliers, 35 cents.



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Queens very prolific. Warranted queens, May,
\$1.25, 6 for \$6.00; after June 1st, \$1.00, 6 for
\$5.00. Tested, May, \$2.00, June and July, \$1.75;
after Aug. 1st, \$1.50. Selected Tested after June
1st, \$3.00 to \$5.00. Barred Plymouth Rock eggs,
\$1.00 per 13. Order queens early and avoid the
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