

Electric Headlights.
Once more electricity has taken the place of other illuminants. The Chicago, Burlington and Quincy Railroad has just commenced to equip locomotives with electric headlights. The famous Fast Mail of the Denver Limited travel at such a high rate of speed that a stronger light than the old style has been found necessary to safety.

Tenderfoot.—Is there any big game around here? "Native."—There used to be, but now yer can't find nuthin' but penny ante."—San Francisco Examiner.

All except bad ones!

There are hundreds of cough medicines which relieve coughs, all coughs, except bad ones! The medicine which has been curing the worst of bad coughs for 60 years is Ayer's Cherry Pectoral.

Here is evidence:

"My wife was troubled with a deep-seated cough on her lungs for three years. One day I thought of how Ayer's Cherry Pectoral saved the life of my sister after the doctors had all given her up to die. So I purchased two bottles, and it cured my wife completely. It took only one bottle to cure my sister. So you see that three bottles (one dollar each) saved two lives. We all send you our heartfelt thanks for what you have done for us."—J. H. BURGE, Macon, Col., Jan. 13, 1899.

Now, for the first time you can get a trial bottle of Cherry Pectoral for 25 cents. Ask your druggist.

MAGNETIC STARCH

REQUIRES NO COOKING

It makes all garments fresh and crisp as when first bought new.

TRY A SAMPLE PACKAGE. You'll like it if you try it. You'll buy it if you try it. You'll use it if you try it.

Sold by all Grocers.

MAGNETIC STARCH The WONDER of the AGE.

No Boiling No Cooking

It Stiffens the Goods It Whitens the Goods It Polishes the Goods

It makes all garments fresh and crisp as when first bought new.

TRY A SAMPLE PACKAGE. You'll like it if you try it. You'll buy it if you try it. You'll use it if you try it.

Sold by all Grocers.

PENSIONS Get Your Pension DOUBLE QUICK

Write CAPT. O'FARRELL, Pension Agent, 1425 New York Avenue, WASHINGTON, D. C.

DROPSY NEW DISCOVERY, gives quick relief and cures worst cases. Book of testimonials and 10 DAYS' treatment FREE. DR. H. H. GIBBS'S DISPENSARY, 101 N. 1st St., St. Louis, Mo.

DR. ARNOLD'S COUGH KILLER

CURES COUGHS AND COLDS. PREVENTS CONSUMPTION. All Druggists, 25c.

WESTERN CANADA

100 ACRES FREE

WHEAT, which brings the highest price in the markets of the world; thousands of cattle are fattened for market without being fed grain, and without a day's shelter. Send for information and secure a free home in Western Canada. Write the Superintendent of Immigration, Ottawa, address the undersigned, who will mail you atlases, pamphlets, etc., free of cost. W. V. Bennett, 801 N. Y. Life Building, Omaha, Neb.

PISO'S CURE FOR CONSUMPTION

CURES WHERE ALL ELSE FAILS. Best Cough Syrup. Tastes Good. Use in time. Sold by druggists.

FARM AND GARDEN.

MATTERS OF INTEREST TO AGRICULTURISTS.

Some Up-to-Date Hints About Cultivation of the Soil and Yields Thereof—Horticulture, Viticulture and Floriculture.

Forest Leaves in the Garden.

In discussing the matter of fertilizing a village garden with an old gardener, he highly recommended autumn leaves. In the autumn of 1897, when the streets were full of fallen leaves, I made up my mind to try them, as a contributor to Rural New Yorker. After a good rain I hired a village cartman to collect them for me, and dump them in a compact heap in a place in the garden, where a wagon could enter without doing harm. He dumped eight loads, charging me only 20 cents a load. Being gathered from the gutters, they were in heaps, having drifted thus in the rainstorm of the previous day, it was an easy job, and he did it in a half day. In the spring of 1898 they were not sufficiently decomposed to be desirable, and I left them undisturbed. Last spring a single handling made them as fine as could be desired. In fact, this leaf mold was worth to me three times its cost in commercial fertilizer, for it supplied a want which no commercial fertilizer can supply—humus. I shall continue the practice, adding annually a little potash (muriate) or wood ashes to the pile, the latter of which I get from an open-grate wood-fire, in spring and fall, in our sitting room.

My old friend who so strongly recommended this had a garden in which he had been obliged to raise the soil to a proper level, and really good surface soil was not to be had, so he had to use such as he could get, much of it being subsoil when he dug the cellar for the residence. He could furnish the nitrogen, potash and phosphoric acid from the dealers in those things, but the indispensable vegetable humus he had to look for elsewhere, and he found it. It takes two winters thoroughly to decompose the leaves, but they are worth the time and trouble it takes. I have begun arrangements for gathering them this fall, and when frost comes I shall double the quantity gathered. The present supply will be used in making the garden next spring.

There is no place where leaves can be thus collected so easily as in villages where shade trees are abundant, and this qualification is growing year by year, as we are becoming better educated in their beauties, but of course, in many rural places other than villages, they are to be had at a slightly increased expense.

R. N. Y.—The leaves will also be found useful to the amateur gardener, as they are to the florist, in his compost heap, to be used with potting soil. The florist usually has what he terms his rot-pile, where everything in the way of dead plants, leaves, and vegetable rubbish is mixed with spent soil from pots or benches. The soil weathers under the influence of sun and frost, until, mixed with this humus, it is again available.

Hairy Vetch or Sand Vetch.
The scientific name of this plant is *Vicia villosa*. A government report says of it: This annual leguminous plant is a native of Asia. It has been cultivated for about fifty years in some parts of Europe, especially Southern Russia, Germany and France, and was introduced into this country for the first time about 1847 under the name of Siberian vetch. Excellent reports



as to its drouth-resisting qualities and its adaptability to our climate have been received from Washington, Nebraska, Georgia, New Mexico, South Dakota, Minnesota, Montana, and Pennsylvania. It has been grown on the experiment grounds of the department of agriculture at Washington, D. C., and has proved to be thoroughly adapted to and valuable for this locality. The seeds germinate poorly when they are more than two years old. Most of the seed used in this country is imported from Europe, so that particular care should be taken by importers and dealers to handle none but such as can be sold under guaranty as good, fresh seed.

Cultivation—Hairy vetch may be sown in autumn, from about the middle of August to the middle of September, or in spring from the latter part of April to the middle of May. It should be sown broadcast or with a grain drill at the rate of one to one and one-half bushels of seed per acre. The drill method of sowing will require a less amount of seed. When the seed is put in broadcast, a bushel of rye, oats or wheat should be sown at the same time so as to furnish a support to keep the vines up off the ground. If it is

sown in drills in the latter part of August, the crop should be cultivated several times. It will furnish some forage in autumn, and where the winter is not too severe will start to grow again in the spring, thus producing forage in late autumn and early spring, at the two periods when it is most needed.

Horticultural Observations.

The sending to market of wormy fruit that has fallen from the trees should be discontinued. This fruit is fit only for hogs and other stock, and should be collected and so fed as soon as it falls. This will destroy the worms that are usually the cause of the falling. The good small grades of apples, peaches and pears may be disposed of in several ways, and should so be disposed of. If an evaporating factory is handy, the fruit can be taken there, or in the absence of that, the old-fashioned method of sun-drying can be used. In sun-drying any of the fruits, they should be protected from flies by screens of some sort. Another method is canning, which needs no explanation. If the fruit thus canned is to be worked up in sufficient quantities to go on the market, more than individual efforts will be needed. It is probable that canned fruits will be sold with more difficulty in the future than in the past owing to the wholesale use of preservatives. It is possible that fruits canned at home and free from all objectionable ingredients could be sold in the neighborhood at an advance over what is paid for them in the market.

The utilization of all the fruit that is now wasted would be a great boon to the human race. A large per cent of cultivated fruit is lost and a still larger percentage of that growing wild. One man said, in the presence of the writer: "Blackberries grow wild in my neighborhood in such quantities that we do not cultivate the tame ones. We pick and ship the wild ones till they get too low to pay us a good profit, and then we let the rest rot on the vines." This man was located more than 100 miles from Chicago, but on a railroad. What happens in the localities that are a long distance from railroads? The writer has passed through mountainous regions in the Middle and Atlantic Seaboard states where the blackberries were growing wild in great profusion over hundreds of square miles, with no one to pick them. More and more these wild supplies are being utilized, but as yet only partially. What is needed is a more complete system of utilization combined with more commercial honesty. In addition to the free bounties of nature there is the immense supply of cultivated fruit, a large part of which is lost by rotting. Theoretically cold storage is the means of saving it, but practically a very small percentage of our fruits ever gets into cold storage.

Large Hogs.

About this time of year, as we look over the exchanges, we frequently see reports of large hogs killed by various parties each trying to outdoast the one who made the previous report, says Farm and Home. And every time we see such a report we feel like saying, "the bigger the hog the bigger fool the one who fattened it." There is but one excuse for having such extraordinary weight in hogs. When one has an old hog, kept for breeding purposes until it is ten or a dozen years old, if fattened it will be a large one very naturally, but we think the owner of such an animal would save more money to kill and bury it than to try to get it fat. We do not believe that in New England any man can take a hog that weighs 250 pounds, and buy the food for it, and get pork enough to pay for the food. It will cost less to feed two hogs until they will dress 200 pounds each than to make one weigh 350 pounds, and less to bring three to weigh 175 pounds each than one which will weigh 450 pounds. Such heavy hogs cannot be sold at as good a price as the lighter ones, and the pork is not as good for home use. We do not believe in killing lean hogs, nor in keeping them on poor food or short allowance to get more lean meat, as it is not necessary. The fattest hog we ever raised and killed weighed less than 150 pounds when dressed, and, we think, as lean a one was an old breeder that dressed 720 pounds. The first was pork for our own eating and good enough for anybody. The big one was sold to a sausage manufacturer for what he would pay, and delivered at his back door after dark. Possibly people could eat the meat after it had been ground up.

A New Idea.—Do you or any of your readers know that some plants grown in close proximity to some varieties of fruits will impart their flavor to the fruit? asks a contributor to Rural New Yorker. I had a melon vine run in a small patch of peppermint, and the melons had a decided peppermint flavor. My neighbor had a gourd vine which ran on a peach tree, and the peaches had a disagreeable, gourd-like taste. I have noticed while gathering wild blackberries, that those which grew close to the French mulberry (a species of *Callicarpa*.—Eds.) had a peculiar fragrance which was quite an improvement over the others. I took the hint, have planted this shrub among my patch of blackberries, and produced berries which are far superior to any blackberry I have ever tasted.

The size of a flock must be regulated by the accommodations. If a man had his entire time to devote to the care of his poultry and was skilled in the care of them it is possible that a flock of almost any size might be handled with advantage.

Green stuff is almost essential to the health of the fowls.

The B. & O. R. R. has just placed an order for 43,500 tons of 85 pound steel rail for delivery in 1900. The contract price is about \$3 per ton or 87 per cent more than the Receivers paid for rail during the time they had charge of the property. Of the total amount just ordered the B. & O. proper will get 26,000 tons, the B. & O. S. W. 12,500, the Pittsburg and Western 4,000, and the Cleveland Terminal and Valley 1,000.

New York has bought an island in Spuyten Duyvil creek, which was necessary to the extension of Broadway.

How's This?
We offer One Hundred Dollars reward for any case of Catarrh that cannot be cured by Hall's Catarrh Cure.

F. J. CHENEY & CO., Props., Toledo, O.
We, the undersigned, have known F. J. Cheney for the last 15 years and believe him perfectly honorable in all business transactions and financially able to carry out any obligations made by him. Sold by all druggists.
West & Truax, Wholesale Druggists, Toledo, O.; Waiding, Kinnam & Marvin, Wholesale Druggists, Toledo, Ohio.
Hall's Catarrh Cure is taken internally, acting directly upon the blood and mucous surfaces of the system. Testimonials sent free. Price 50c per bottle. Sold by all druggists.
Hall's Family Pills are the best.

Puerto Rico.

Three tours of the beautiful island of Puerto Rico are scheduled to leave Chicago December 27, January 28 and February 15. Special Pullman sleepers and dining cars will convey the party to New York, thence on board the splendid new steamships Ponce and San Juan, through and around the island by rail, automobile, carriage and boat. Tickets include all expenses everywhere. These select limited parties will be under the special escort of Mr. Walter Boyd Townsend, under the management of The American Tourist Association, Reau Campbell, general manager, 1423 Marquette building, Chicago. Itineraries, maps and tickets can be had on application to the agents of the Chicago, Milwaukee & St. Paul Ry.

Whenever a man begins to talk about the beauty of economy, he always look straight at his wife.

If You Use Plug Tobacco

You should read the Star Plug Tobacco advertisement in this paper. They make the most attractive offer ever made for the return of their Tin Tags.

The busy man never finds the day too long.

Magnetic Starch is the very best laundry starch in the world.

Milwaukee supervisors have appropriated funds for a new law library.

\$18 PER WEEK.

A salary of \$18 per week and expenses will be paid to man with one or two horse rig to introduce our Poultry Compound among farmers. Reference required. Address with stamp.

ACME MFG. CO., Des Moines, Iowa.

New England cities may unite to help improve Boston harbor.

For starching fine linen use Magnetic Starch.

The register of Cornell university for 1899-1900, just published, shows a gain of 202 students over the figures in the first edition of last year's register, the total to date being 2,240, as against 2,038 at this time last year. A corresponding increase in the faculty brings the number of teachers at Cornell university up from 251 last year to 314 this year. Just about one-half the enrollment is from New York state, which furnishes this year 1,394 students. Forty-three other states and fourteen foreign countries are represented in the other half of the student body.

There is a Class of People

Who are injured by the use of coffee. Recently there has been placed in all the grocery stores a new preparation called GRAIN-O, made of pure grains, that takes the place of coffee. The most delicate stomach receives it without distress, and but few can tell it from coffee. It does not cost over one-fourth as much. Children may drink it with great benefit. 15 cents and 25 cents per package. Try it. Ask for GRAIN-O.

A Bright Outlook.

La Porte, Texas, is now attracting the attention of the business men of the United States and during 1900 great interest will be manifested in it. Owing to an advantageous natural location it is destined to enjoy a growth in commercial manufacturing and shipping interests which millions of dollars in advertising and years of energetic promotion could not give it were it not so favored by nature. Men of affairs with large experience in the upbuilding of cities are predicting a future for La Porte which if but half realized will make it the greatest seaport on the Gulf of Mexico and indeed one of the principal seaports of the United States as well as a city of great importance in the manufacturing, railroad and commercial world. It is at the head of Galveston Bay in the celebrated coast country of Texas and has a summer and winter climate which makes it a resort for travelers the year round. The farming land surrounding it is as fine as any in the United States.

Try Magnetic Starch—it will last longer than any other.

Your clothes will not crack if you use Magnetic Starch.

A new railway coal dock at Cleveland is to cost \$50,000.

Cheap Texas Lands.

The San Antonio and Arkansas Pass Railway covers central and south Texas. Good lands, reasonable prices, mild and healthful climate. Address E. J. MARTIN, Gen'l. Pass Agt., San Antonio, Texas.

Denver is to have a new state armory to cost \$65,000.

THE GRIP CURE THAT DOES CURE.
Laxative Bromo Quinine Tablets remove the cause that produces La Grippe. E. W. Grove's signature is on each box. 25c.

Character is determined by what we say no to.

Winter Tours.

Should you desire information regarding California, Arizona, Texas or Mexico, and the long limit, low rate, round-trip tickets, sold to principal points, the various routes via which the tickets can be purchased, or regarding one way first and second-class rates, through sleeping car lines, first-class and tourist, call upon or address W. G. Neimyer, Gen'l Western Agent, Southern Pacific Co., 238 Clark St., Chicago; W. H. Connor, Com'l Agent, Chamber Commerce Bldg., Cincinnati, Ohio, or W. J. Berg, Trav. Pass. Agt., 220 Elliott Sq., Buffalo, N. Y.

Mr. Joseph Gray Kitchell of Indianapolis, has, "after many months' work," succeeded in making a composite photograph of all the greatest painting of Madonnas known to exist. The report says that "the face is marvelously beautiful—perhaps the highest type idealized by man," and that "as a scientific contribution to art the result is significant."

If you have not tried Magnetic Starch try it now. You will then use no other.

The devil too often gets the boy by getting his father first.

My doctor said I would die, but Pisco's Cure for Consumption cured me.—Amos Keiner, Cherry Valley, Ill., Nov. 23, '95.

Many of the world's best gold mines have not yet been found.

The Cause of Chapped Hands.

Much of the discomfort experienced from chapped hands in cold weather is due to washing with inferior soap, the ingredients being poisonous to the skin. It is therefore important to have pure soap. If warm rain water and Ivory soap are used in washing the hands, they will be smooth and white at all seasons. ELIZA R. PARKER.

New York has nearly 500,000 children in public schools.

If marriage is a failure Solomon's wisdom didn't count for very much.

Use Magnetic Starch—it has no equal.

Dr. Newell Dwight Hillis, of Plymouth church, is an enthusiastic horseman, and says he thinks out his best sermons while on horseback.

THE Pleasantest, most powerful, effective and never failing REMEDY for

Rheumatism, Sciatica, Neuralgia, DROPS LA GRIFFE and CATARRH!
If all knew what thousands know of the efficacy of "55 DROPS" as a Curative as well as a Preventive of any Ache or Pain known to the human body, they would not be a family in all America without a bottle of "55 DROPS!" Send for trial bottle, 25c, or large bottle, containing 300 doses, \$1.00, 6 bottles for \$5. SWANSON RHEUMATIC CURE CO., 160-164 E. Lake St., Chicago, Ill.

AGENTS WANTED

To sell the products of

THE SWINE VACCINE CO.

OF WYMORE, NEB.

Swine plague or hog cholera successfully treated by inoculation. We cure 85 per cent of sick hogs and render well hogs immune by our process. For further particulars call on or address

The Swine Vaccine Co., Wymore, Neb.

CARTER'S INK

Can't be beat.

THIS \$25 Stove for \$21.41. Save the Retailer's Profit—save the Wholesaler's Profit. Take advantage of our extraordinary purchase. Others have advanced their prices of Farber Stoves, but our contract with the manufacturer compels them to furnish us with those, so we can sell them at small profit of \$21.41 for \$25.77. YOU would be proud of either one of these prior stoves. The pictures give but a faint idea of their beauty. Sent C. O. D. on receipt of \$10, you to pay balance to your banker or freight agent on arrival at your depot. The greatest bargain ever offered. A Large Stove takes less fuel than a small one for heat given; hear in mind when ordering. \$21.41. CASH. C. O. D. LOGE FREE.

THE CHRISTMAS ISSUE.

Of the Lake Shore Book of Trains is something entirely out of the ordinary in the way of railroad literature and will be of interest to all. Copy will be sent to any address on receipt of 2-cent stamp.—F. M. Byron, G. W. A., Chicago; A. J. Smith, G. P. A., Cleveland.

Wife—"What makes you stay at the office so late at night?" Do you gain anything by it? Hubby—"No; but I have several times come—er—with an ace of gaining something."—Philadelphia Record.



ACTS GENTLY ON THE KIDNEYS, LIVER AND BOWELS

CLEANSSES THE SYSTEM

DISPELS EFFECTUALLY, COLDS, HEADACHES, OVERCOMES & FEVERS HABITUAL CONSTIPATION

ITS BENEFICIAL EFFECTS.

BUY THE GENUINE—MANT'D BY CALIFORNIA FIG SYRUP CO.

500% La Porte, Texas

Mexico. It is the natural seaport for the products of the entire Middle, Northern and Western states and for Houston, the great railroad center of Texas. The U. S. Government has voted \$3,000,000 for harbor improvements. Capital is flowing in and men of wealth and influence are making investments. An investment in a town lot in La Porte will net you 500 per cent in 5 years. Write for FREE MAPS, DESCRIPTIVE BOOK and ART ILLUSTRATIONS. AMERICAN LAND COMPANY, 188 Madison St., CHICAGO.

\$100 FOR \$10 Invest \$10 to \$100 in stocks and get \$100 for \$100—sure; safe as a bank. W. M. REED, 161 S. 5th St., Philadelphia, Pa.

W. N. U.—OMAHA. No. 51—1899

PRICE, \$29.75 CLEAR YOUR FREE CATALOGUES for a 2-cent stamp. A—Furniture. B—Hardware. C—Stoves and Ranges. D—Agricultural Implements. E—Baby Carriages. F—Linen and Bedspreads. G—Musical Instruments. H—Organs and Sewing Machines. I—Bicycles, J—Guns and Sporting Goods. K—Ladies' and Gents' Furnishing Goods. L—Dry Goods. M—Ready-made Clothing for Men and Boys. N—Boats and Shells. O—Trunks. Send 15c and our Large Supply Catalogue containing over 100 pages and over one hundred thousand cuts and prices will be sent express paid.

T. M. ROBERTS' SUPPLY HOUSE, MINNEAPOLIS, MINN.

SAVE YOUR STAR TIN TAGS

"Star" tin tags (showing small stars printed on under side of tag), "Horse Shoe," "J. T.," "Good Luck," "Cross Bow," and "Drummond" Natural Leaf Tin Tags are of equal value in securing presents mentioned below, and may be assorted. Every man, woman and child can find something on the list that they would like to have, and can have

FREE!

1 Match Box..... 25	21 Clock, 8-day, Calendar, Thermometer, Barometer or..... 500
2 Knife, one blade, good steel..... 25	22 Gun case, leather, no better made..... 600
3 Scissors, 4 1/2 inches..... 25	23 Revolver, automatic, double action..... 500
4 Child's Hat, Kalfie, Fork and Spoon..... 25	24 25 or 30 caliber..... 500
5 Salt and Pepper Set, one each, quadruple plate on white metal..... 50	25 Tool Set, including playthings, but real tools..... 650
6 French Bear Wood Pipe..... 25	26 Trifles, Set, decorated porcelain, with very handsome..... 800
7 Razor, hollow ground, fine English steel..... 50	27 Remington Rifle No. 4, 2 or 32 cal. 363
8 Butter Knife, triple plate, best quality..... 25	28 Watch, w. ling silver full jeweled..... 1500
9 Sugar Shell, triple plate, best quality..... 25	29 Dress Suit Case, leather, handsome and durable..... 1000
10 Stump Box, sterling silver..... 70	30 Sewing Machine, hand class, with all attachments..... 1500
11 Knife, "Eben Kalfie," best quality..... 25	31 Revolver, Colt's, 38-caliber, lined steel..... 1500
12 Butcher Knife, "Keon Kalfie," 8-in blade..... 75	32 Rifle, Colt's, 16-shot, 23-caliber..... 1500
13 Shears, "Keon Kalfie," 8-in..... 75	33 Quilted (Washburn), rosewood, in-hand..... 2000
14 Nut Set, Cracker and 6 Picks, silver plated..... 80	34 Mandolin, very handsome..... 2000
15 Base Ball, "Keon Kalfie," best quality..... 150	35 Winchester Repeating Shot Gun, 12 ga..... 2000
16 Alarm Clock, nickel..... 150	36 12 ga..... 2000
17 Six Genuine Rogers' Teaspoons, best quality..... 200	37 Remington double-barrel, hammer Shot Gun, 10 or 12 gauge..... 3000
18 Carvers, good steel, buckhorn handles..... 200	38 Bicycle, standard make, ladies or gents..... 2500
19 Six Genuine Rogers' Table Spoons, best plated goods..... 250	39 Shot Gun, Remington, double barrel, ram, hammerless..... 3000
20 Six each, Knives and Forks, buckhorn handles..... 250	40 Regina Music Box, 15 1/2 inch Disc..... 5000
21 Six each, Genuine Rogers' Knives and Forks, best plated goods..... 300	

THE ABOVE OFFER EXPIRES NOVEMBER 30th, 1900.

Special Notice! Plain "Star" Tin Tags that is, 3 in tin tags with no star in tag's print on under side of tag, are not good for presents, but will be paid for in CASH on the basis of twenty cents per hundred, if received by us on or before March 31st, 1901.

BEAR IN MIND that a dime's worth of

STAR PLUG TOBACCO

will last longer and afford more pleasure than a dime's worth of any other brand. MAKE THE TEST!

Send tags to CONTINENTAL TOBACCO CO., St. Louis, Mo.

DIRECT FROM PRODUCER PATRONS OR JOBBERS TO CONSUMER

EVERY THING FOR EVERYBODY

CAN SAVE YOU MONEY ON EVERY PURCHASE

PLEASE MENTION GREAT OR SMALL THIS PAPER

WRITE FOR CATALOGUE. ENCLOSE 10 CTS. TO HELP PAY POSTAGE