

The Best Time.

No autumn or winter is so good but may be bad for rheumatism. The worst time for it is the best time to buy and use St. Jacobs Oil to cure it, because it cures promptly.

Pocket filters attached to the end of 18 or 20 inches of rubber tubing are recent valuable additions to the tourist's outfit. The biker addicted to the "century" habit or the camper is now protected against insects when drinking from a mountain spring or wayside brook. No danger of imbibing snakes except in the time-honored roadside house way.

Pure Blood Good Digestion

These are the essentials of health. Hood's Sarsaparilla is the great blood purifier and stomach tonic. It promptly expels the impurities which cause pimples, sores and eruptions and by giving healthy action to the stomach and digestive organs it keeps the system in perfect order.

Hood's Sarsaparilla

Is America's Greatest Medicine. \$1; six for \$5. Prepared only by C. I. Hood & Co., Lowell, Mass.

Hood's Pills cure Sick Headache. 25c.

IN THE ANIMAL WORLD.

The organs of smell in a vulture and a carrion crow are so keen that they can scent their food for a distance of 40 miles.

The wings of birds are not only to aid locomotion in the air, but also on the ground and water. One bird even has claws in the "elbows" of its wings to aid in climbing.

The elephant does not smell with his trunk. His olfactory nerves are contained in a single nostril, which is in the roof of the mouth, near the front.

Humming birds are domesticated by placing in their cages a number of paper flowers of tubular form, containing a small quantity of sugar and water, which must be frequently renewed. Of this liquid the birds partake and quickly become apparently contented with their captivity.

Try Schilling's Best tea and baking powder.

A fossil hog oak, weighing 40 tons, which geologists assert to be 10,000 years old, has been dug up at Stockport, England, in excavating to lay a sewer. The corporation of the town wants to blow it up with dynamite, in spite of protests from scientific men throughout England.

No household is complete without a bottle of the famous Jesse Moore Whiskey. It is a pure and wholesome stimulant recommended by all physicians. Don't neglect this necessity.

A woman of Belfast, Me., pawned her best bonnet in order to obtain money to pay the license tax on her pet dog.

An African fat, used for domestic purposes, is the soil of a species of beetle. It resembles hardened cocoon oil.

TUMOR EXPELLED.

Unqualified Success of Lydia E. Pinkham's Vegetable Compound.

Mrs. ELIZABETH WHELOCK, Magnolia, Iowa, in the following letter describes her recovery from a very critical condition:

"DEAR MRS. PINKHAM—I have been taking your Vegetable Compound, and am now ready to sound its praises. It has done wonders for me in relieving me of a tumor. My health has been poor for three years. Change of life was working upon me. I was very much bloated and was a burden to myself. Was troubled with smothering spells, also palpitation of the heart and that bearing-down feeling, and could not be on my feet much. I was growing worse all the time, until I took your medicine. After taking three boxes of Lydia E. Pinkham's Vegetable Compound Lozenges, the tumor passed from me. My health has been better ever since, can now walk quite a distance and am troubled no more with palpitation of the heart or bloating. I recommend your medicine to all sufferers from female troubles."

It is hardly reasonable to suppose that any one can doubt the efficiency of Mrs. Pinkham's methods and medicine in the face of the tremendous volume of testimony.

If you made a home stead entry prior to June 22, 1876, for less than 160 acres, you are entitled to an additional entry, which is assignable and worth something. Widows and minor orphans of deceased soldiers have same right. I will buy it. Do not waste postage unless you made an original entry as stated above.

Buy Direct FROM THE WOOLEN MILLS And save middleman's profits. Men's fine tailor-made suits \$3.50 to \$4. Figured and patterned, samples, self-measurement blanks, etc., mailed free. Address J. LANDIGAN, McKay Building, Portland, Or. Mention this paper.

BASEBALL, FOOTBALL.

ATHLETIC AND GYMNASIUM SUPPLIES. Send for Catalogue.

WILL & FINCK CO. 820 Market St. San Francisco.

PISO'S CURE FOR

ALL CASES OF ALL ILLS TAKEN IN TIME. Sold by druggists.

CONSUMPTION



Good Guernsey Cow.

The cut shows the Guernsey cow, Miss Bobolink, 2157, A. G. C. C., bred and owned by Mr. N. I. Bowditch, South Framingham, Mass. From October 1, 1896, to October 1, 1897, she gave 12,437 pounds of milk, average test 4.8 per cent. butter fat. This equals 596.58 pounds butter fat, or 636.46 pounds butter for one year. Comparing this performance with that of other



MISS BOBOLINK.

animals of the same breed, it is seen that Miss Bobolink has made the second best milk and butter record of any Guernsey, and has nearly equalled the best record. The best records now stand:

Cow.	Milk, lbs.	Average Fat, %	Butter, lbs.	Butter Fat, lbs.
Lilly Alexandra (1059)	12,856	7.2	907	907
Bretonne (9969)	11,215	5.47	602.91	602.91
Miss Bobolink (2157)	12,437	4.8	596.58	636.46
Fantine Second (5799)	9,748	5.84	516.60	602.60

Only one test.

In addition to the above performance, Miss Bobolink was milked three months longer, and gave from October 1, 1897, to January 1, 1898—2,480.5 pounds milk, which tested 5.3 per cent. butter fat, or 133.37 pounds butter, making the total record for the fifteen months: 14,917.5 pounds milk—\$49.83 pounds butter. The picture from which the cut was made was taken January 23, 1898, or after fifteen months' work, yet on that day she gave twenty-one pounds milk.

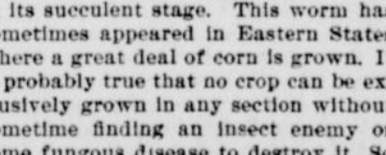
Growing Corn After Corn.

In all Eastern corn growing the usual rotation never allows two corn crops to succeed each other without several years intervening. The corn is always planted on clover or grass sod, and after it some small grain follows for one or perhaps two years when the field is again seeded, and after two or more years the corn comes in the rotation again. So if corn smut appears in one crop it has no chance to propagate except what is blown into adjoining fields, or is carried to the barn and so disseminated through the manure pile.

In the West the growing of corn after corn on the same land was continued so long that the fields were filled with smut and the land had to be seeded down so as to allow the smut spores to die out. Growing corn after corn also developed the burrowing worm, which is hatched in the tips of ears while tender, and eats its way into the corn while in its succulent stage. This worm has sometimes appeared in Eastern States where a great deal of corn is grown. It is probably true that no crop can be exclusively growing in any section without sometime finding an insect enemy or some fungous disease to destroy it. So though two crops of corn will not exhaust the soil more than would a crop of small grain after the corn, and in most cases not so much, it is not best to put them together. The corn stubble is necessarily left naked during the following winter, and is therefore subjected to more freezing and thawing and more washing away on the soil than if the land were seeded quickly after it.—American Cultivator.

A Twin Cucumber.

Mr. Alex. Welr, Ravensworth P. O., Muskoka, Ont., writes to the Montreal Herald and Star, as follows: I have



A TWIN CUCUMBER.

taken the liberty of forwarding you a twin cucumber which I raised this year, and it is the first I have met with in all my growing as a gardener.

Products of Wild Land.

Aside from its crop of trees with which uncultivated land is mostly covered, it also produces nuts, berries and other fruits which are always in their season to be found in city markets. The whortleberry and its near relative, the huckleberry, are always grown wild, as they need just the dampness and shade that they find in forests and low, wild land. But the wild blackberries and raspberries still constitute a considerable portion of the fruit sold in city markets. In most cases this self-grown fruit is regarded as the property of whoever wishes to gather it. The huckleberry patches are, however, often reserved by owners of the land, and those wishing the fruit must pay for it, or, as is usually done, dividing it after it is picked.

The Great American Hog.

An organization of German meat importers favorable to the American hog shows that in fifteen years there were 3,003 cases of illness from trichinae and 207 deaths. Of these, 1,242 cases and

102 deaths were from the eating of European pork examined in Germany. There was not one case against the American product, and a reward of \$238 has been offered for a single instance of trichinae American pork.—Butchers and Packers' Magazine.

Geese Must Graze.

The goose is as much a grazing animal as a sheep or a cow. Green stuff being its natural diet, the transition in winter to grain exclusively is more violent than in the case of hens, which, in a state of nature, do not feed principally upon herbs, but upon insects, seeds and a little of everything. Of course, geese will not starve in winter and early spring, even if allowed nothing but grain, but the greediness with which they will devour such fresh food as apple parings, cabbage, potatoes, etc., shows the urgency of their need for it. In elder-making time a few bushels of seedling apples, that will keep well, should be laid by in the cellar for the geese. It is worth all the trouble just to see the evident enjoyment with which they eat them, to say nothing of the promotion of their thrift. Let the young goslings out on some fine grass plot and see them pick. At night they will come up with their crop and neck full up to their mouth. Give them grass.—Farmer's Voice.

Begin Right with Turkeys.

They are as easy to raise as chickens if one has the right stock. But most people pick out all the largest birds to market at Thanksgiving and Christmas and keep the small ones, with the impression, I suppose, that they will grow if given time. This is a great mistake, as in a flock you will always find a few better developed, bigger-boned birds, and these invariably have the constitution we need for breeding purposes. To make a success select the best hens in the flock; good deep, blocky birds, with big bone and short legs, and dispose of the long-legged, loose-boned ones. I find the Bronze the hardest, but a cross with the wild would perhaps still further improve them. The biggest drawback with the wild cross is, they are hard to keep near the home and are easily frightened. Having selected your breeding stock, which is best to do in the fall, winter them and let them run out all the time.—Alex. Johnston.

Log Chicken House.

Here is the plan of chicken coop built of logs. First lay the sill logs and toenail on the corners, making the logs 2 by 4 by 8 feet and 2 by 6 by 8 feet. Spike these two together and brace



SUBSTANTIAL POULTRY HOUSE.

from the inside so they will be perfectly plumb. Now start putting up the logs, one side at a time, or build all sides evenly as you go. Drive a spike into your 2 by 4 and 2 by 6 in sills and into your logs as fast as you go, so as to hold them in place. You can put a round log in the corner 6 inches in diameter and 8 feet long. After the house has been built, spike the 2 by 4 onto this and also the plate logs. Peel the logs.—A. L. Lord, American Agriculturist.

Harvesting Apples.

The harvesting of apples is one of the most important duties connected with the crop. The time has gone by when apples could be shaken from the trees or picked up from the ground as windfalls. The best success in keeping them over winter is when not a single apple in a barrel is bruised or injured in any manner. Just as soon as the skin is broken the apple begins to decay, and for that reason they must be carefully picked by hand and handled in a manner to prevent the slightest injury as the decay of one apple will soon affect all. Apples that are not perfectly sound when harvested should not go into barrels, but be made into cider.

Farm Talk.

The United States is about the only country which has no established harvest customs. In some parts harvest celebrations are held, but we have no traditions such as they have abroad.

Much has been said of late in regard to the wholesomeness of apples, and a Paris specialist says that women who want to have clear complexions ought to eat three or four apples a day. They act on the liver.

Clay makes a better stable floor than planks, for it contains a little dampness which conduces to good feed, and the horse finds irregularities in its surface, and by placing the heels on the higher surface the tendons are relaxed, giving them needed rest, while in plank floors the slant is backward, making the animal stand with the tendons always on a strain.—Farm Journal.

The editor of the Wool and Cotton Reporter, Mr. Bennett, of Saugus, Mass., says that his farm in Freedom, Me., which he purchased and stocked with sheep a few years ago, cut when he began about forty-five tons of hay of an inferior quality. This year it has cut nearly 200 tons of the highest quality. People laughed at him when he began, but now he is doing most of the laughing.

Experiments in feeding and in computing the value of eggs show that if no estimate is made for labor one dozen eggs can be produced at a cost of about 6 cents for food, or about 1/2 cent per egg. If all of the food allowed to hens was converted into eggs the profit on a dozen eggs would be large, even when prices are very low, but much depends on whether the hens convert the food into eggs, flesh or support of the bodies.

A Vigorous Battle.

From the New Era, Greensburg, Ind.

The following is a straightforward statement of facts by a veteran of the late war. No comrade will need further proof than their friend's own words, as here given.

Squire John Castor, of Newport, Ind., is the narrator, and an honest, respected citizen he is, too. He said: "I have been troubled with rheumatism in all my joints, ever since I went to the war. It was brought on by my exposure there. It came on me gradually, and kept getting worse until I was unable to do any work. I tried several physicians, but they did me no good. They said my trouble was rheumatism resulting in disease of the heart, and that there was no cure for it. Nevertheless I had lived and fought the disease for thirty years, and did not intend to die, simply because they said I must, so I hunted up some rem-



I Want to Swear to That.

edies for myself, and finally happened on Dr. Williams' Pink Pills for Pale People. I asked some of my neighbors about the medicine, for it had been used by several persons in the community, and they recommended it very highly. I procured a box. The pills helped me right away, and I continued taking them. I commenced taking them last fall, and finished taking the sixth box a few months ago. I am not bothered with the rheumatism now—the medicine has cured me. I can most certainly recommend Dr. Williams' Pink Pills for Pale People."

These pills are not only good for rheumatism, but are valuable for any disease that arises from impoverished, or bad blood. They do not act on the bowels.

Mrs. Thackara, General Sherman's daughter, who resides in Havre, France, her husband having been made the American consul at that port, writes that she has been elected a member of the board of managers of the Havre Society for the Protection of Animals. The members of the board are chiefly men, there being only two women besides Mrs. Thackara.

Mangosteen from the Moluccas are now sold in the London markets. They are said to taste like a combination of strawberry, nectarine and pineapple.

When coming to San Francisco go to Brooklyn Hotel, 208-212 Bush street. American or European plan. Room and board \$1.00 to \$1.50 per day; rooms 50 cents to \$1.00 per day; single meals 25 cents. Free coach. Chas. Montgery.

When J. A. Paulsell, a veteran of both the Mexican and civil wars, and now 82 years old, married a woman of 23 years a few days ago, he used a novel wedding ring. It was of brass and was made from a bit of cannon used by the Mexicans at Chapultepec and destroyed by the Americans.

To Cure a Cold in One Day Take Laxative Bromo Quinine Tablets. All druggists refund money if it fails to cure. 25c.

Robert Quincy and wife, of Parkersburg, W. Va., have separated because of the latter's fondness for onions and the former's inability to stand the smell of that vegetable. The husband is seeking a divorce, and the wife is with her parents. They have several children.

I believe my prompt use of Piso's Cure prevented quick consumption.—Mrs. Lucy Wallace, Marquette, Kansas, Dec. 12, 1895.

Thirty years ago there were only two dozen explosive compounds known to chemists; now there are over 1,000.

Tender Flesh.

The more tender the flesh, the blacker the bruise. The sooner you use St. Jacobs Oil, the quicker will be the cure of any bruise, and any bruise will disappear promptly under the treatment of the great remedy.

Compressed air as a motive power is to be practically applied very soon in New York city on a somewhat extensive scale. By the last of February some 22 cars will be put on the lines, handling the West Twenty-third and East Thirty-fourth street ferry traffic, all propelled by this power. The storage reservoirs will be expected to carry enough energy to send each car at least 20 miles.

The last safe retreat of the beaver in the United States is the canyon of the Rio Grande, between Eagle Pass and El Paso, a distance of about 300 miles.

Cupid, instead of Davy Jones, kidnapped Miss King, whose mysterious disappearance from Coney island recently created such a stir, and now she has returned alive, well and a blushing bride, seeking the parental blessing.

The largest organ in the world is in the Cathedral of Seville, Spain. It has 53 pipes and 110 stops.

The Well-Known tea of the Pacific Coast is Schilling's Best.

Well-known for goodness and money-back-if-you-don't-like-it.

PERSONAL AND OTHERWISE.

Notwithstanding his 70 years, George MacDonald, the novelist, is slowly recovering from the effects of the sunstroke received in August.

If all the accounts are true any right-minded man would rather be a plain American citizen than emperor of China. The former has a great deal more fun.

Some of the suits for damages growing out of the loss of the steamship La Bourgogne, of the Campagne Generale Transatlantique, are based on the allegation that the captain of the ship, Dleonce, was insane, that he had prophesied that he would go to the bottom with his ship, and took no measure, either to avoid the disaster or to save the lives of his passengers.

It's Your Own Fault.

How long have you had lame back? It's your own fault. St. Jacobs Oil would have cured it promptly, and will cure it now, no matter how long it has remained neglected.

Taking the average depth of the ocean to be three miles, there would be a layer of salt 230 feet if the water should evaporate.

If you want the best wind mill, pumps, tanks, plows, wagons, bells of all sizes, boilers, engines, or general machinery, see or write JOHN POOLE, foot of Morrison street, Portland, Oregon.

The new cable which has been laid across the Atlantic weighs 650 pounds to the mile. This is the biggest of all the cables.

FITS Permanently Cured. No fits or nervousness after first day's use of Dr. Kline's Great Nerve Restorer. Sent for FREE. Send for bottle and treatise. DR. R. H. KLINE, Ltd., 300 Arch street, Philadelphia, Pa.

China has undeveloped petroleum land covering an area of 50,000 square miles and coal and iron over 21,000 square miles. The coal formation alone has been estimated at 13,470 miles.

\$100 REWARD \$100.

The readers of this paper will be pleased to learn that there is at least one dreaded disease that science has been able to cure in all its stages, and that is Catarrh. Hall's Catarrh Cure is the only positive cure known to the medical fraternity. Catarrh being a constitutional disease, requires a constitutional treatment. Hall's Catarrh Cure is taken internally, acting directly upon the blood and mucous surfaces of the system, thereby destroying the foundation of the disease, and giving the patient strength by building up the constitution and assisting nature in doing its work. The proprietors have so much faith in its curative powers, that they offer One Hundred Dollars for any case that it fails to cure. Send for list of testimonials. Address: F. J. CHENEY & CO., Toledo, O. Sold by druggists, 75c. Hall's Family Pills are the best.

Miss Theodora Cowan, of Sydney, Australia's first woman sculptor, was a student under the American, Hiram Powers, and has exhibited two pieces of her work in the Grafton gallery.

Activity of Vesuvius.

Much anxiety has been caused in Naples by the renewed activity of Mount Vesuvius. There is little likelihood that it will do any serious damage. On the other hand thousands die daily from stomach disorders, who might have survived had they resorted to Hostetter's Stomach Bitters. It is the greatest tonic known for stomach and digestive organs.

The inhabitants of the Marquesas island are among the most expert tattooers on earth.

SYRUP OF FIGS



THE EXCELLENCE OF SYRUP OF FIGS

is due not only to the originality and simplicity of the combination, but also to the care and skill with which it is manufactured by scientific processes known to the CALIFORNIA FIG SYRUP Co. only, and we wish to impress upon all the importance of purchasing the true and original remedy. As the genuine Syrup of Figs is manufactured by the CALIFORNIA FIG SYRUP Co., a knowledge of that fact will assist one in avoiding the worthless imitations manufactured by other parties. The high standing of the CALIFORNIA FIG SYRUP Co. with the medical profession, and the satisfaction which the genuine Syrup of Figs has given to millions of families, makes the name of the Company a guaranty of the excellence of its remedy. It is far in advance of all other laxatives, as it acts on the kidneys, liver and bowels without irritating or weakening them, and it does not gripe nor nauseate. In order to get its beneficial effects, please remember the name of the Company—

CALIFORNIA FIG SYRUP CO. SAN FRANCISCO, CAL. LOTUVILLE, KY. NEW YORK, N. Y.

FREE HELP FOR WEAK MEN

"CALTHOS"—Prof. Laborde's French Cure for Lost Manhood

5 Days Trial Treatment Sent Absolutely Free by Sealed Mail to all Sufferers

No C.O.D. or Deposit Scheme

The only preparation known to science which really cures Lost Manhood is "CALTHOS," the marvelous French remedy discovered by Prof. Jules Laborde. It is controlled in this country by the Von Mohl Co., of Cincinnati, Ohio, a concern which occupies a high and honorable place in the world of medicine. It is one of the most responsible houses in Cincinnati, as any one who is acquainted in that city will testify.

The Von Mohl Co. invites all men suffering from Lost Manhood, Spermatorrhea, Varicocele or Weakness of any nature in the Nerves or Sexual Organs, to send their names and receive a five days' treatment. It will prove the wonderful vitalizing powers of "CALTHOS." After using it five days the sufferers will find new vigor in their organs, new force in their muscles, new blood in their veins, new sanitation, and rapid progress toward the buoyant feelings and sensations of younger days.

This liberal free offer is genuine. There is no swindling C. O. D. or deposit scheme connected with it. The five days' treatment is sent by sealed mail to all on request, wrapped in a plain package, and printed instructions accompany the medicine, so that each patient becomes his own doctor and cures himself at home.

It doesn't make any difference what caused the weakness—whether bad habits in youth, or excess, or overwork, or business troubles, "CALTHOS" will effect a cure, no matter what his name the disease may be called by doctors.

The Von Mohl Co. treats all correspondence in perfect confidence. Under no conditions will it make public the names of the thousands who have written testimonials telling of their restoration to robust manhood after other medicines proved worthless. "CALTHOS" is regularly used in the French and German armies, and the soldiers in those countries have come to be perfect models of strength and vitality. Cures are effected at all ages from 20 to 80 years. There is no case (except where the stage of epilepsy or insanity has been reached) which it will not radically, quickly and permanently cure. Sexual weakness does not cure itself. It grows worse from week to week. Each day aggravates the mental and physical anguish. Send today for the five days' trial treatment. If it does not help, no harm is done and no money paid out. You can send your name with the full knowledge that the Von Mohl Co., 171 B Cincinnati, O. Largest Importers of Standard Preparations in the U. S.

\$45 \$45 \$45 \$45 \$45
1899 Rambler BICYCLES
"Best Wheels on Earth."
1899 Models \$22.50, \$25, \$30. Send for catalogue. Live agents wanted everywhere.
FRED T. MERRILL CYCLE CO.,
PORTLAND. SPOKANE. TACOMA.

...STEEL SPIRAL CONVEYERS...
We carry in stock a large supply of the above conveyers, both right and left, which we will sell at greatly reduced prices. Also all sizes of elevator buckets and boats.
Write for price-list and discounts.

Willamet Iron Works
Front and Everett Sts. PORTLAND, OR.

YOUR LIVER Is It Wrong? Get It Right. Keep It Right.
Moore's Revealed Remedy will do it. Three doses will make you feel better. Get it from your druggist or any wholesale drug house, or from Stewart & Holmes Drug Co., Seattle.

TEETH WITHOUT PLATES
Roots Crowned. Bridges Made. Painless Fitting and Extraction.
Dr. T. H. White, 271 1/2 Morrison, Portland, Or.

CURE YOURSELF!
Use Biggs for unnatural discharges, inflammations, irritation or ulcerations of the bladder, gonorrhoea, Pains, and not astricture or potomania.
Sold by Druggists, or sent in plain wrapper, by express, prepaid, 50c. 10c. of 3 bottles, \$2.50. Circular sent on request.
N. F. N. U. NO. 46-'98.
WHEN writing to advertisers please mention this paper.