

**Democratic Watchman**

Bellefonte, Pa., Feb. 11, 1898.

**FARM NOTES.**

The proper way to clean a hen roost is to first carry everything out doors—roost poles, nest boxes and loose boards. Give them a dose of oil and apply the match. If the wood takes fire it can be put out by throwing sand on it. Now rake out all the fowl dirt, and give the inside a good coating of whitewash. Do this once a month.

—If one has a farm he is his own employer, and if he does not succeed it will be due to his faults or mistakes. Many persons would succeed who fail if they would work as hard for themselves as they are compelled to do when employed by another. It is the work applied at the right time and vigorously that brings success.

—The Michigan experiment station found after repeated tests that about four times as much food can be obtained from a meadow by allowing it to mature hay than by pasturing it. This means that four cows can be kept on the land by growing hay instead of pasturing it, or to show it in another light, four times as much land is required for pasture as for hay, for the same number of cattle. Green food is given by growing soiling crops, but in soiling, from two to three times the number of cows can be maintained than by pasturing.

—Farmers use the cultivator for a plow; that is, they cultivate deep, with the object of loosening the soil between the rows. If the ground is to be broken up the plow is the thing to do it with, but two inches is sufficient depth for cultivation. Grass and weeds should never be allowed to grow to a height to demand "plowing" with a cultivator. Keep the top soil loose and never allow grass or weeds to more than sprout above ground. Deep cultivation frequently does harm in disturbing the roots of the plants grown as a crop.

—An important matter in spraying is to know what to use. For fungi or parasitic plant life, use bordeaux mixture; insects with biting mouth parts, such as the codling moth, are treated with solutions of Paris green or London purple, and those with sucking mouths, such as aphides are destroyed with kerosene emulsion or whale-oil soap. Spraying must be done frequently. To give only one or two applications and expect success will result in loss of time, as insects multiply very rapidly and the later hatched ones must be destroyed in order to completely exterminate the pests.

—New ideas in grafting were readily adopted by all fruit growers. The long-accepted method of cutting the grafts in winter and keeping them in snow until used on outside trees, has been found excellent from experience, but a Missouri fruit grower states that he has obtained better results with plum grafts that were cut in spring and grafted an hour after cutting, while apple grafts, cut and used the same day, did not give a single failure. When testing the plum grafts, it should be done with a few until satisfied that the results will be successful.

—Barley is not extensively grown, yet it is a superior stock feed and will grow in soil that will not produce wheat. In England hogs are fattened on barley and the meat contains more lean than that produced from corn. In feeding pigs as a test barley gave better results than corn, a pound of growth being secured from three and a-half pounds of barley, at a cost of 2 cents per pound, while corn costs more than any other food. Pigs, however, grow more rapidly than adult hogs. Ground grain proved superior to the unground. In steer feeding both corn and wheat surpassed barley and with lambs the results were about the same with corn, wheat and barley. Corn and barley mixed gave better results than either alone in some of the tests. These tests should make barley a favorite where it is not now grown at all.

—The stableman in the cities take more care of their manure than the farmers, and sell it at an advantage. Water is the season when the farmer can accumulate the best manure because the animals are then kept in the barnyard, whereas in summer much manure is lost by drying or washing away when dropped by the animals in the fields. Even if the manure voided in the fields is retained on the land it is frequently in spots, causing heavy growth of weeds, which are portions of the field may be bare. Saving the manure does not mean that it should remain in the barnyard and lose a portion of its value, but it should be collected and composted under cover. It is cheaper to so handle manure, and use out material as absorbents, than to leave it exposed, where it will be necessary, but the manure will be much more valuable, and if the farmer can gain something by applying extra labor, instead of buying fertilizer, he will be much the gainer.

—To have early vegetables one should make a hotbed, but if it is not convenient to have an end difficulty will be experienced in purchasing early plants, such as tomatoes, cabbage, cauliflower, etc. A dozen tomato plants and half a dozen egg plants will supply a small family. A small garden should be deep spaced and raked fine. Well-rotted manure should be worked in, and the seeds should be planted with care. Onions are usually grown from sets, a quart of sets being the usual amount for a small garden. Peas should be covered about two inches, but small seeds require but half an inch. Always press the earth well on the seeds after covering. Potatoes, pumpkins and melons are not considered suitable for a small garden, nor is sweet corn, unless one has the room to spare for such crops. Nothing is gained by planting seeds in the ground before it has been warmed, as they will not germinate when the ground is cold.

**THE EMPTY HEARTH.**

As I sit beside the empty hearth, there's silence all around;  
But I hear the rocking measure of a cradle on the ground;  
My little baby sleeping draws her breath with gentle sigh,  
And my son, of play now weary, nestles close with drooping eye.  
His hand is warm within my hand, his head upon my breast;  
Is sweet with the scent of childhood, of the young bird in the nest;  
His face is hidden from me, but his eyes are strange and bright,  
And he whose eyes are like them walks toward me thro' the night.  
I soon shall hear his footstep—oh! his footstep!  
—on the stair,  
The door will open, he will come and stand beside my chair.  
—God! save me from these dreams! The hearth is empty; far is he;  
And his little children lie asleep on another woman's knee.  
—Anna Tullena—"Rebels of Unknown Kings."

**World's Supply of Coal and Oil Limited.**  
According to Lord Kelvin, it will all be exhausted in 346 years from now.

In 346 years there will not be a pound of coal or a gallon of petroleum left in the whole earth, according to the statement made by Lord Kelvin before the Mathematical and Physical section of the British Association at its recent meeting in Toronto. Lord Kelvin, with his unrivalled power of applying his mathematical knowledge to the solution of practical questions, has made this startling calculation very carefully. A fair average of the growth of coal in the earth, Lord Kelvin said, was two tons for each square metre in a thousand years. Dividing the figures already obtained, would give the age of the earth since plant life began as 20,000,000 years. Turning to Great Britain, Lord Kelvin said that there was still available in that country 146,000 million tons of coal, or about six-fifths of a ton per square metre of area. Judging from the present rate of consumption this supply might last 100 years or less.

Sir Henry Bessemer, the great steel manufacturer, has made some calculations about coal which will make these figures better understood. One million tons of coal would form a cube 300 feet square by 300 feet high, or they would represent a bed of coal one mile square by one foot thick. The coal mined in Great Britain in 1881 would make 55 great pyramids, or would rebuild the great wall of China, with one quarter to spare. The British output of coal in 1883 would form a pillar one mile high by 164 feet square.

Edward Hull, a famous English geologist, has calculated that the amount of coal in Great Britain which exists at depths at which it can be mined, is 80,000 millions tons. W. Stanley Jevons, reasoning from these figures, calculated that the British coal supply would be exhausted in 1975. Sidney Lypton, reasoning from another set of figures, set down the consumption of the last pound of British coal for 1890. Mr. Lypton, replying to a suggestion that Great Britain might import its supply of coal from North America, which now has 40 times as much as the United Kingdom, after its own stores were exhausted, figured out that it would take 2,100 steamships, each making 13 trips a year, and each carrying 6,000 tons of coal as cargo, to make up England's deficiency.

Huxley pointed out in a carefully written article that "wanting coal, all the great works of Lancashire and Yorkshire would vanish like a dream. Manufactures would everywhere give place to agriculture and pasture, and not 10 men could live where 10,000 are now amply supported." Richard P. Rothwell, who was the mining expert in the eleventh United States census, gives the coal production of the United States for 1896 at 166,341,271 short tons, and adds that the anthracite mines of Pennsylvania are being rapidly worked out.

Lord Kelvin says that when the world's supply of coal is exhausted at the end of 346 years, mankind will only have wood left for fuel. Meanwhile he advocates the use of all the power of Niagara Falls, which he calculates at 4,000,000 horsepower. While this power could be distributed by electricity over a radius of 300 miles at a pressure of 80,000 volts, with a loss of only 20 per cent. Lord Kelvin thinks that all the factories that want to take advantage of Niagara's power should be gathered within a radius of 40 miles.

**St. Valentine's Day.**  
The Festival was Celebrated by the Romans—Was the Time to Choose Mates.

Mr. Doone, in his illustrations of Shakespeare, says regarding St. Valentine's Day: "It was the practice in ancient Rome, during a great part of the month of February, to celebrate the Lupercalia, which were feasts in honor of Pan and Juno, whose names the latter deity was named Februa, Februalis and Februella. On this occasion, amidst a variety of ceremonies, the names of young women were put in a box, from which they were drawn by the men as chance directed. The pastors of the early Christian church, who by every possible means endeavored to eradicate the vestiges of pagan superstitions, substituted in the present instance the names of particular saints instead of those of the women, and as the festival of Lupercalia had commenced about the middle of February, they appear to have chosen St. Valentine's Day for celebrating the new feast, because it occurred nearly at the same time. This is, in part, the opinion of the learned compiler of the lives of the saints. It would seem, however, that it was utterly impossible to extinguish altogether any ceremony to which the common people had been much accustomed, a fact which it is easy to prove in tracing the origin of various other popular superstitions, and accordingly the outline of the ancient ceremonies was preserved, but modified by some adaptation to the Christian system. It is reasonable to suppose that the above practice of choosing mates would gradually become reciprocal in the sexes, and that all persons so chosen would be called valentines, from the day on which the ceremony took place."

**Out of the Mouths of Babies.**

Tommy had misplaced his knife, and after searching through all his pockets without success he exclaimed: "Oh, dear! I wish I had another pocket." "Why, Tommy?" asked his mother. "Why, if I had it might be in that," was the little fellow's reply. Johnnie, aged 6, recently attended church and after listening attentively to a discourse on the parable of the wise and foolish house-builders said to his mother on the way home: "I don't think the man who built his house on the rock was so very wise after all. 'And why not, Johnnie?' asked his mother. 'Because,'" answered the young observer, "he wouldn't have any place for a cellar."

**Washington and Baltimore.**

Special Ten-Day Excursion via Pennsylvania Railroad. Washington is a most interesting city. The capitol, the congressional library, the national museum, and the monument are among the great creations of civilized man. To afford an opportunity to visit the city while Congress is in session, the Pennsylvania railroad company has arranged for a series of low-rate excursions to the national capital, to leave Pittsburgh, February 17th, March 17th, April 14th and May 12th. Round-trip tickets will be sold at rates quoted below, good going on special train indicated, or on train No. 4, leaving Pittsburgh at 8.10 p. m., and carrying through sleeping cars to Washington; returning tickets will be good on any regular train except the Pennsylvania Limited. These tickets will also be good to stop off at Baltimore within their limit. Special train of through parlor cars and coaches will be run on the following schedule:—

Train leaves.	Rate.
Altoona.....	11.40 a. m. 7 25
Bellefonte.....	11.52 " 7 25
Clearfield.....	12.04 " 7 25
Philipsburg.....	10.12 " 7 25
Quebec.....	10.23 " 7 25
Tyone.....	12.03 p. m. 7 25
Harrisburg.....	12.35 " 6 65
Washington.....	Arrive 7 15 " 6 65

Should the number of passengers not be sufficient to warrant the running of a special train, the company reserves the right to carry participants in this excursion on regular train. Tickets on sale in Pittsburgh, at union ticket office, 360 Fifth Avenue, and union station, and at all stations mentioned above. For full information apply to agents or Thomas E. Watt, passenger agent, western district, Fifth Avenue and Smithfield street, Pittsburgh. 43-3-4t.

**California.**  
Personally-Conducted Tour via Pennsylvania Railroad.

The next personally conducted tour to California via the Pennsylvania railroad will leave New York, Philadelphia and Pittsburgh by the "Golden Gate Special" on Wednesday, February 16, stopping at the great Mammoth and New Orleans during the Mardi Gras carnival. Four weeks will be allowed on the Pacific coast. Returning, stops will be made at Salt Lake City, Colorado Springs (Garden of the Gods), Denver, Chicago, etc. Round-trip rate, including transportation, meals, carriage drives, hotel accommodations, and Pullman berth Los Angeles to San Francisco, and transportation in California, \$335.00 from all stations east of Pittsburgh; with hotel accommodations, meals, transfers, and carriage drives through California for four weeks, \$125.00 additional. An experienced chaperon will accompany the party for the benefit of the lady tourists. For itineraries and full information, apply to ticket agents; tourist agent, 1196 Broadway, New York; or address Geo. W. Boyd, assistant general passenger agent, Broad street station, Philadelphia. 43-5-2t

**Facts About 1898.**

The year 1898 will begin and end on Saturday. It will have six eclipses, of which only two, both of the moon, taking place January 7th and December 27th, will be visible to North America. Lincoln's birthday will fall on Saturday, Washington's on Tuesday, Decoration Day and Fourth of July on Monday, Christmas on Sunday. Labor Day will be September 5th, Thanksgiving should be November 24th. First Sunday in Lent, February 27th. Palm Sunday, April 3rd. Easter Sunday, April 10th. The Hebrew year 5659 will begin at sunset on Friday, September 16th. On July 4th the 123d year of American independence will begin. The four seasons will begin on these days in 1898: spring, March 20th; summer, June 21st; autumn, September 22nd; winter, December 21st.

**Ironical If's.**

If mistakes were crimes most men would be in jail. If all flesh is grass then babies must be new moon hay. If might doesn't always make right it seldom gets left. If you live to a green old age beware of the bunco man who is not sharp as a raiser he can never succeed. If all the world's a stage the real estate dealer must be the property man. If you have a bad memory you can improve it by doing things that you can't forget. If the bicycle succeeds in displacing the horse it may also do away with the nightmare. If a man is smart he can always catch on and if he is wise he will always know when to let go.

**One of the Results of Protection.**

Already almost every one of the great essentials under modern conditions of life has been "trusted." The laws of trade have for the most part been abrogated by the pagan superstitions, substituted in the present instance the names of particular saints instead of those of the women, and as the festival of Lupercalia had commenced about the middle of February, they appear to have chosen St. Valentine's Day for celebrating the new feast, because it occurred nearly at the same time. This is, in part, the opinion of the learned compiler of the lives of the saints. It would seem, however, that it was utterly impossible to extinguish altogether any ceremony to which the common people had been much accustomed, a fact which it is easy to prove in tracing the origin of various other popular superstitions, and accordingly the outline of the ancient ceremonies was preserved, but modified by some adaptation to the Christian system. It is reasonable to suppose that the above practice of choosing mates would gradually become reciprocal in the sexes, and that all persons so chosen would be called valentines, from the day on which the ceremony took place."

Many Pennsylvanians will hear with regret that the celebrated farms of Colonel James Young, at Middletown, are not likely to continue under one management, as heretofore, and that an extensive series of public sales of the vast quantity of personal property will take place during the next three months. The young farms have been a fine advertisement of Pennsylvania agriculture, and it is unfortunate that they cannot be operated as heretofore.

**Wasted Opportunities.**

All those who during the war lost sleep or lost their appetites or lost track of any of their friends should at once write to a pension attorney. They don't know what they are missing. BUCKLEN'S ARNICA SALVE.—The best salve in the world for cuts, bruises, sores, ulcers, salt rheum, fever sores, tetter, chapped hands, chilblains, corns, and all skin eruptions, and positively cures piles, or no pay required. It is guaranteed to give perfect satisfaction or money refunded. Price 25 cents per box. For sale by F. Potts Green.

**Try Holding Your Breath.**

The modern quick moving elevator, when it sinks suddenly, gives many persons an unpleasant, qualmish feeling. Into a well filled elevator in a big shopping store the other day stepped from one of the floors two women.

"Do you know," said one of them to the other, "that if you hold your breath going down in an elevator you don't have that unpleasant feeling; you don't feel it at all?" Of course nobody in the elevator listened intentionally, but nobody could help hearing what she said. Conversation instantly ceased, and everybody drew a long breath. The elevator shot downward in silence. "Ground floor!" said the elevator man as he threw back the door, and the women streamed out from the car upon the floor, talking now gayly, and there was one at least who said that the plan was effective. —New York Sun

FREE PILLS.—Send your address to H. E. Bucklen & Co., Chicago, and get a free sample box of Dr. King's New Life Pills. A trial will convince you of their merits. These pills are easy in action and are particularly effective in the cure of Constipation and Sick Headache. For Malaria and Liver troubles they have been proved invaluable. They are guaranteed to be perfectly free from every deleterious substance and to be purely vegetable. They do not weaken by their action, but by giving tone to stomach and bowels greatly invigorate the system. Regular size 25c. per box. Sold by F. Potts Green, druggist.

A REAL CATARRH CURE.—The ten cent trial size of Ely's Cream Balm which can be had of the druggist is sufficient to demonstrate its great merit. Send 10 cts., we mail it. Full size 50c. ELY BROS., 56 Warren St., N. Y. City. Catarrh caused difficulty in speaking and to a great extent loss of hearing. By the use of Ely's cream Balm drooping of the mucous membrane, voice and hearing have greatly improved.—J. W. Davidson, Att'y at Law, Monmouth, Ill.

**The Sphinx's Riddle.**

Johnny—What is "the riddle of the sphinx?" Papa (with a meaning glance at mamma)—The riddle of the sphinx is this: How can she, being at least part woman, sit there year after and century after century without ever saying a word? Ah, my boy, I guess it'll never be answered either! —Cleveland Leader.

Hood's Sarsaparilla is known to be an honest medicine, and it actually cures when all others fail. Take it now.

**Saddlery.**

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**HARNESS, HARNESS, HARNESS.**

**SADDLES, BRIDLES,**

**PLAIN HARNESS, FINE HARNESS,**

**BLANKETS, WHIPS, Etc.**

All combined in an immense Stock of Fine Saddlery.

**THE LARGEST STOCK OF HORSE COLLARS IN THE COUNTY.**

JAMES SCHOFIELD, BELLEFONTE, PA.

**Plumbing etc.**

Is a leaking waste pipe or trap, a poorly ventilated closet, or any plumbing that is defective. Epidemics of disease resulting from just such things have killed thousands and will kill thousands. Is your plumbing all right? Dare you risk having it any other way? Consult us about it.

**Roofting.**

During the Rough Weather that will be experienced from now until Spring you will have a chance to Examine your Roof and see if it is in good condition. If you need a new one or an old one repaired I am equipped to give you the best at reasonable prices. The Celebrated Copyright Tin Shingles and all kinds of tin and iron roofing.

W. H. MILLER, BELLEFONTE, PA.

**Fine Groceries**

Our Out-meal and flakes are always fresh and sound, you can depend on them. SECHLER & CO.

FINE TABLE SYRUPS. NEW-ORLEANS MOLASSES. PURE MAPLE SYRUP, IN ONE GALLON CANS, AT \$1.00 EACH. SECHLER & CO.

Are reselling a good grade of tea—green—black or mixed at 25c per lb. Try it. SECHLER & CO.

FINEST ORANGES, LEMONS, BANANAS, COCOANUTS, DATES AND FIGS AT SECHLER & CO.

**Jewelry.**

**THE AFTER CHRISTMAS SALE.**

Some Holiday goods have been left and must be sold. This season's stock was LARGER than ever before and includes EVERYTHING that is new and choice in

**DIAMONDS, WATCHES, JEWELRY.**

**WALKING STICKS and UMBRELLAS**

**POCKET BOOKS and CARD CASES.**

**SILVER IN ENDLESS VARIETIES.**

We believe it would be to your interest to look over our assortment before making your holiday purchases.

**HEALTH INSURANCE.**

**THE FIDELITY MUTUAL AID ASSOCIATION**

IF INSURED, You cannot lose all your income when you are sick or disabled by accident. Absolute protection at a cost of \$1.00 to \$2.25 per month.

The Fidelity Mutual Aid association is prominently the largest and strongest accident and health association in the United States. It has \$6,000,000 cash deposits with the States of California and Missouri, which, together with an ample reserve fund and large assets, make its certificate an absolute guarantee of the solidity of protection to its members.

For particulars address J. L. M. SHETTERLEY, Secretary and General Manager, San Francisco, Cal.

**Dr. Salm.**

MATTER OF GREAT IMPORTANCE TO YOU

SUFFERING FROM LONG STANDING CHRONIC DISEASES, DISEASES OF THE BLOOD, SKIN AND NERVOUS SYSTEM, AS WELL AS THOSE SUFFERING FROM EYE, EAR, NOSE AND THROAT TROUBLE.

MORITZ SALM, M. D., Specialist, Von Grate Infirmary, COLUMBUS, OHIO.

—WILL BE IN— BELLEFONTE, PA.

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—THURSDAYS—

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**ONE DAY ONLY.**

**EXAMINATION AND CONSULTATION**

FREE TO EVERYBODY.

**UNSOLICITED TESTIMONIALS**

Lived Off Bread and Milk for Years. 9 Home Doctors Failed to Cure me, Dr. Salm Succeeded in Curing.

For more than four years I have had a bad case of catarrh, stomach and general trouble. Took cold continually. For one and a half years I could eat only bread and milk. Tried nine different doctors, to get rid of my misery, but got worse and worse. So I went to Dr. Salm for treatment, and to-day I am as strong as ever, can eat anything, and don't take any more cold, and consider myself cured of this terrible disease. JOHN H. KAUFFMAN, Mattawanna Millin Co., Pa.

Catarrh and Eye Trouble Cured by Dr. Salm.

For more than five years I have had a very bad case of eye trouble and catarrh. The eyes continually got sore and grew weaker and weaker. I always took cold. Dr. Salm cured me. CLAYLAND KIMBERLY, Witnessed by A. J. Kimberly. McVeitown, Millin Co., Pa.

A Case of Catarrh and Throat Trouble Cured by Dr. Salm.

For more than three years our two children have been suffering from catarrh and throat trouble, also enlarged tonsils. They were continually taking cold. Could hardly breathe at night. Their constitutions became undermined, and a short course of treatment with Dr. Salm, they have almost entirely recovered from their miserable disease. J. F. HARRISON, Bellefonte, Centre Co., Pa.

People Think Dr. Salm Has Done Another Wonderful Piece of Work.

I have had a very bad case of catarrh and sore eyes for more than eight years, and consequently I gave me a world of trouble. I was obliged to see Dr. Salm, under his treatment the change is wonderfully rapid. My friends are astonished, as well, and think with me that Dr. Salm has done another wonderful piece of work. LOUIS C. SHANNON, Whitestown, Butler Co., Pa.

Couldn't Walk 15 Yards at a Time, Was no Earthly Use to Any One, Thought I Was Going to Die, but Dr. Salm Cured Me.

For 2 years or more, I have had a fearful trouble, began to get very weak, my limbs would not carry me any more, couldn't walk a stretch of 15 yards, and my heart would beat a fearful rate, at the least exertion. It seemed my blood was turned to water. I gradually became pale as one dead. I was no earthly use to any one, and all my neighbors and relatives thought I was going to die. Home doctors couldn't help me, so I went to Dr. Salm, and to-day, I am happy to state, that I am stronger than ever, can eat anything, do a full day's work, and enjoy life as much as if killed, will pay your heirs \$208 to \$5,000, if you are ill \$40 per month. Mrs. W. M. JOE, New Florence, Westmoreland Co., Pa.

Attended by her father, Frank Richardson, Dunlo, Cambria Co., Pa.

Suffered for 15 Years With Nerveous, Inward and Ear Trouble, Tried a Half Dozen Doctors, and a Pile of Patent Medicines, but Had to go to Dr. Salm to be Cured.

For 15 years I have suffered very much with nerveous, inward and ear trouble, and my condition grew worse and worse. I tried a half dozen doctors, and piles of patent medicines, to no avail. I went to Dr. Salm, and thanks to his knowledge as a physician, I consider myself entirely cured. Those pains, which came every month, and the fearful nervous prostration resulting therefrom, has entirely left me and I feel happy once more. Mrs. M. M. JOE, New Florence, Westmoreland Co., Pa.

A Case of Ear Trouble Being Cured by Dr. Salm, Complimented also With Ringing Noises and Deafness.

My treatment is for the ear and throat, I am rapidly improving, and I know I shall be cured, which I think will be soon. Mrs. MARY E. DAILEY, Lewisburg, Cameron Co., Pa.

Address all communications to box 760, Columbus, O.

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