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PROFESSIONAL CARDS.

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Children Especially Liable.

Burns, bruises and cuts are extremely painful and if neglected often result in blood poisoning. Children are especially liable to such mishaps because not so careful. As a remedy DeWitt's Witch Hazel Salve is unequalled. Draws out the fire, stops the pain, soon heals the wound. Beware of counterfeits. Sure cure for piles. "DeWitt's Witch Hazel Salve cured my baby of eczema after two physicians gave her up" writes James Mock, N. Webster, Ind. "The sores were so bad she soiled from two to five dresses each day." Delta Drug Store.

Blown to Atoms. The old adage that the body sometimes needs a powerful, drastic, purgative pill has been exploded; for Dr. King's New Life Pills, which are perfectly harmless, gently stimulate liver and bowels to expel the poisonous matter, cleanse the system and absolutely cure constipation and sick headache. Only 25c at Delta Drug Store.

Thousands Sent Into Exile. Every year a large number of poor sufferers whose lungs are sore and racked with coughs are urged to go to another climate. But this is costly and not always sure. Don't be an exile when Dr. King's New Discovery for consumption will cure you at home. It's the most infallible medicine for coughs, colds and all throat and lung diseases on earth. The first dose brings relief. Asounding cure result from persistent use. Trial bottles free at Delta Drug Store. Price 50c and \$1.

Health and Beauty. "A pill's a pill," says the saw. But there are pills and pills. You want a pill which is certain, thorough and gentle. Mustn't gripe. DeWitt's Little Early Risers fill the bill. Purely vegetable. Do not force but assist the bowels to act. Strengthen and invigorate. Small and easy to take. Delta Drug store.

Child Worth Millions.

"My child is worth millions to me," says Mrs. Mary Birn, of Harrisburg, Pa., "yet I would have lost her by croup had I not purchased a bottle of One Minute Cough Cure." One Minute Cough Cure is a sure cure for coughs, croup, and throat and lung troubles. An absolutely safe cough cure which acts immediately. The youngest child can take it with entire safety. The little ones like the taste and remember how often it helped them. Every family should have a bottle of One Minute Cough Cure handy. At this season especially it may be needed suddenly. Delta Drug Store.

A Profitable Investment.

"I was troubled for about seven years with my stomach and in bed half my time," says E. Demick, Somerville, Ind. "I spent about \$1,000 and never could get anything to help me until I tried Kodol Dyspepsia Cure. I have taken a few bottles and am entirely well." You don't live by what you eat, but by what you digest and assimilate. If your stomach doesn't digest your food you are really starving. Kodol Dyspepsia Cure does the stomach's work by digesting the food. You don't have to diet. Eat all want. Kodol Dyspepsia Cure cures all stomach troubles. Delta Drug Store.

The Corvallis Furniture Factory has all of its machinery installed, and a day or two ago got up steam. The plant is claimed to be the best in the state. The dry room has a capacity for 12,000 feet of lumber. It is heated by exhaust steam from the engine boiler. Orders are already flowing in and a busy season is assured.

Don't Live Together.

Constipation and health never go together. DeWitt's Little Early Risers promote early action of the bowels without distress. "I have been troubled with constipation nine years," says J. O. Greene, Depauw, Ind. "I have tried many remedies but Little Early Risers give best results." Delta Drug Store.

It Circles the Globe.

The fame of Bucklen's Arnica Salve, as the best in the world, extends around the earth. It's the one perfect healer of cuts, corns, bruises, sores, scalds, boils, ulcers, felons, aches, pains and all skin eruptions. Only infallible pile cure. 25c a box at Delta Drug Store.

Base ball players should use The Delta Liniment, as it cures sprains and bruises, toughens the hands and keeps the fingers supple.

A WORTHY SUCCESSOR.

Something New Under The Sun.

All Doctors have tried to cure catarrh by the use of powders, acid gases, inhalers and drugs in paste form. Their powders dry up the mucous membranes causing them to crack open and bleed. The powerful acids used in the inhalers have entirely eaten away the same membranes that their makers have aimed to cure, while pastes and ointments cannot reach the disease. An old and experienced practitioner who has for many years made a close study and specialty of the treatment of catarrh, has at last perfected a treatment which when faithfully used, not only relieves at once, but permanently cures catarrh, by removing the cause, stopping the discharges and curing all inflammation. It is the only remedy known to science that actually reaches the affected parts. This wonderful remedy is known as "Snuffles," the guaranteed catarrh cure" and is sold at the extremely low price of one dollar, each package containing internal and external medicine sufficient for a full month's treatment and everything necessary to its perfect use.

"Snuffles" is the only perfect catarrh cure ever made and is now recognized as the only safe and positive cure for that annoying and disgusting disease. It cures all inflammation quickly and permanently and is also wonderfully quick to relieve hay fever or cold in the head. Catarrh when neglected often leads to consumption—"Snuffles" will save you if you use it at once. It is no ordinary remedy, but a complete treatment which is positively guaranteed to cure catarrh in any form or stage if used according to the directions which accompany each package. Don't delay but sent for it at once and write full particulars as to your condition and you will receive special advice from the discoverer of this wonderful remedy regarding your case without cost to you beyond the regular price of "Snuffles," the guaranteed catarrh cure. Sent prepaid to any address in the United States or Canada on receipt of one dollar. Address Dept. E 750, Edwin B. Giles & Company, 2230 and 2232 Market street, Philadelphia.

Seed Time and Harvest.


A good time to think most seriously of the harvest is seed time. The decision you make then will determine the value of your crops later. The growing competition in seed selling is an increasing temptation to unscrupulous dealers to make extravagant claims for their seeds, both in price and producing qualities. The wisest farmers are those who are influenced most by what experience has proven to be good and true. Thousands of seed sowers in all sections of the country sow Ferry's famous seeds year after year, and have the satisfaction of good harvests to justify their continued faith in the Ferry firm. They are a few cents more at seed time, but you realize many dollars in better crops at the harvest. The natural consequence of this confidence is an ever increasing business. D. M. Ferry & Co. sent out last year more seeds than any other seed house in the world. The 1902 catalogue of this house is now ready and will be found a useful guide in selecting the choicest seeds for the farmer, the truck gardener and the flower gardener. It is sent free on request. Address D. M. Ferry & Co., Detroit, Mich.

THE GRAND CANYON OF THE ARIZONA.

Easiest of access among all the Canons of Colorado, being situated on the main line of the Denver & Rio Grande between Canon City and Salida in the front range of the Rockies, is the most spectacular, awe-inspiring and magnificent. Down this mighty cleft in the heart of the granite rock-barrier rush the raging waters of the Arkansas River, lashed into foaming fury and dashed into spinning spray by its swift descent through the tortuous defile. So narrow is the passage at one point that there was no room for both the road and river, and therefore a curiously constructed bridge of steel had to be thrown lengthwise of the stream, suspended from iron supports morticed into the canon walls on each side to the right and left. And right here can be seen the climax of all the canon's grandeur, that which has been aptly called "The Royal Gorge." For two thousand six hundred feet the solid monoliths soar upward—five times as lofty as the Washington Monument, the highest permanent structure reared by the hand of man. No words can adequately describe the magnificence of the scene. Only those who have beheld its glories can appreciate them.

This is but one of the many wonders of nature revealed to the traveler on the Denver & Rio Grande Railroad, "The Scenic Line of the World." For detailed information about this most delightful trip to the East, Address J. D. Mansfield, Gen'l Agt, Rio Grande System, Portland, Oregon.

CASTORIA, The Kind You Have Always Bought, Signature of J. C. Watson



Fifty Cents a Year—Less Than a Penny a Number.

THE SOUTH'S LITERARY WEEKLY
Published at Atlanta, Ga.—Circulation Over 50,000.

The **SUNNY SOUTH** is the Great Literary Weekly of the South. It is devoted to Literature, Romance, Fact and Fiction, and gives the best of all that is current in its field. Among its contributors the most noted southern writers appear—Joel Chandler Harris, Harry Stillwell Edwards and others of growing fame. Serial stories from Anthony Hope, Maurice Thompson, Sidney E. Crockett, Mrs. George Corbett and Arthur W. Marchmont have appeared, and others are in waiting from the pen of authors of national note. A short story contest brought out nearly five hundred splendid short stories, all worthy a place in the **SUNNY SOUTH's** readable columns. Other contents are contemplated that will successfully exploit the ripening flood of talent that only needs such fostering to illustrate the wealth that is shy to assert itself.

The **SUNNY SOUTH** teems with the life of the great south. The gentle sunshine warms everything into activity, and the season is never cold enough to check the hand of industry. The paper comes fragrant with the breath of the magnolia and pine, and gives out the very air of the orange, palm and bay. The beauty and pathos, the romance and mystery of the land where the corn stores up the golden sunshine and the cotton whitens in the moonlight, will be given in the well-filled columns of this fascinating weekly.

The subscription price is **Only Fifty Cents a Year**, like all our past issues, newspapers, postmaster into activity, and every one else. Clubs of five, accompanied by the full \$2.50, entitles the club member to the paper one year gratis.

Send on a Postal Card the names of six of your neighbors who would appreciate the opportunity to read a copy of The Sunny South, and one sample will be mailed free. You can get your club of five out of these very people.

The **SUNNY SOUTH** enters over 50,000 American homes now; and during 1902 is sure to be welcomed in fully as many more homes, as the great weekly feast of good things, the Southern Literary Weekly, whose columns for 1902 will be the most readable of all the papers that come to you.

Address All Communications to
5c SUNNY SOUTH, Atlanta, Ga.

To Tan a Hide With Hair On.

Sprinkle freely, while still fresh and wet, with one part alum and two parts saltpeter made very fine and thoroughly mixed, being sure it reaches every part of the raw side. Then fold one-half the flesh side over on to the other half and roll closely. After a day or two open and scrape with a dull knife till perfectly clean. When it is about half dried rub and work it till thoroughly dry, and it will be soft and pliable. By using this method a favorite dog's pelt may serve you again, as a pair of mittens; or a sheep skin may be converted into a rug, and pussy once more give comfort in a muff or muffler for the little one who mourns its loss.

A Deep Mystery.

It is a mystery why women endure blackheads, headache, nervousness, sleeplessness, melancholy, fainting and dizzy spells when thousands have proved that Electric Bitters will quickly cure such troubles. "I suffered for years with kidney trouble," writes Mrs. Phebe Cherleg, of Peterson, Ia., "and a lame back pained me so I could not dress myself, but Electric Bitters wholly cured me, and, although 73 years old, I now am able to do all my housework." It overcomes constipation, improves appetite, gives perfect health. Only 50c at Delta Drug Store.

THE SUNNY SOUTH.

We publish elsewhere today the announcement of the Sunny South, the great weekly literary periodical of the Southern States. Published in Atlanta, Georgia, in the heart of the great South, it bears upon it the impress of its birthplace and environment. For more than twenty-five years the Sunny South has been a recognized factor in the field of Southern literature. It was established more than a quarter of a century ago as a Southern story paper and was published for a long time as a weekly and then as a monthly.

About one year ago the paper passed under new management, and less than a year it has jumped from a circulation of 12,000 to nearly 60,000. The first thing the new management did was to make it a weekly publication and so reduce the price to fifty cents per year—less than one cent an issue—and then to infuse into its columns all the enterprise and literary ability that money could command or determination secure. In less than a year this remarkable Southern literary paper has become national in character and it now has about as many subscribers north of Mason and Dixon's line as it has in the South. Its columns abound in the best current literature of characteristic Southern flavor, and no literary periodical published anywhere in the country has succeeded in bringing together as many Southern writers of note as has been done by the Sunny South.

A striking feature of the Sunny South's development is its introduction during the past year of many new story writers who will be heard

from in the wider field of the world's literature. In almost every Southern state new literary talent has been developed to such an extent as to put the whole country to talking about the Sunny South. A few months ago the Sunny South offered very handsome prizes for a series of the best short stories by Southern writers, and more than five hundred responses were received. Some of the stories then published in the Sunny South have been reproduced the world over. Others are now being published by it from week to week.

The fact that the price of this splendid weekly periodical is only fifty cents a year has had a wonderful effect in giving it an extensive field for the development of its plans and purposes. Perhaps no literary periodical ever established has made such rapid strides as the Sunny South in less than a year.

Mrs. Mary E. Bryan, whose name has long been associated with the Sunny South, has been engaged to take full charge of the woman's department. Her services will appeal especially to women readers throughout the country, as the striking charm of her own personality prevades every column of her most interesting department.

The distinctive characteristics of Southern authors have always been a great charm to their readers. The liberal use of matter by the leading magazines of the United States shows that high regard prevalent for Southern literary talent. The quiet stories of Joel Chandler Harris in folk-lore of the Southern plantations, and the stories by him and by Thos. Nelson Page, Will N. Harben, Harry Stillwell Edwards and others of those interesting phases of human character so plentiful in the South are read with consuming interest and seized upon by publishers with great avidity.

The literary flavor of the Sunny South will be far above the ordinary story paper and an examination of one copy will show clearly and plainly to all its scope in its great special field. Some of the most prominent of the world's writers have been listed for special stories for the Sunny South during the current year. It is a pleasure to know that the South has at last secured a literary paper of which the whole country is proud.

The Sunny South's growing circulation throughout the Union, and in all parts of it alike, is an indication of its wide-spread field. Its fresh, crisp editorials, serial stories from authors of the widest note and growing fame and interesting short stories from every quarter make it acceptable everywhere. It is not a newspaper in any sense, but is devoted exclusively to the field of literature. It will come as a refreshing visitor every week to your home for only fifty cents per year. If you have never seen a copy of it, send today for it on a postal card addressed to the Sunny South, Atlanta, Ga., give also the names of six of your neighbors and special friends who may also have this treat.

We are pleased to know that Southern enterprise places this paper in the hands of our people.

SWEET ENSILAGE.

About three years ago Hon. Benton Killen, a regent of the State Agricultural College, at Corvallis, was at a fish cannery at Alaska. He had to stay at the cannery because it was where the steamers touched returning to southern ports, but the boat-tarry but a few minutes, and intending passengers must be ready to step aboard. The steamer Mr. Killen expected to bring him home was due and might come at any hour, or might delay twenty hours, but he had to watch. As a matter of fact, it was delayed, and he had much time for examining his surroundings, but there was nothing to see except the monotonous canning of fish. Mr. Killen, after a time, began to think. First, of the time when fish were not canned, but salted and dried. Then the benefits of canning fish; superiority over salt fish. He then naturally took the canning of other substances, fruit and vegetables.

Then how the canned products served as an improved food consumed out of season by man, and only man. But why not preserve food for cattle? The thought aroused the regent. The canning process before him developed interest. Every manipulation was scrutinized. He saw that the only secret was to kill germs and prevent new ones from getting access to the treated substance. He revolved the matter and when he stepped on the dock at

Portland, he loitered not, but hustled to the Experiment Station, at Corvallis. During the fall of 1900, acting on Mr. Killen's suggestion, the chemist put up ensilage in small cans, in glass jars, subjected them to heat and sealed them. After three months, they were opened and the contents examined. The cornfodder sweet. The problem was solved as far as small packages were concerned. The law of canning is universal for all substances. Only mechanical hindrances would prevent long storage from being saved for the winter feeds of the stock. Therefore it was determined to carry the test still further. Last summer several silos 12 feet high and 5 feet in diameter were built of two-inch matched fir lumber. The staves are four or five inches wide. These were filled with green corn. The further account of the experiment is well told by the Corvallis Times, which is reproduced:

After the silos had been filled, steam was introduced through a pipe and the whole contents was heated to a temperature of 212 degrees. The purpose of the heating was to kill, if possible, the acetic acid germs, and prevent the silage from souring.

The results obtained so far, are of the most satisfactory character. The silage came out when opened a few weeks ago as bright and green as when it was put in. Apparently no change whatever had taken place. Instead of being sour and discolored as is usual with silage, it looked exactly like it did when cut in the corn field. Stock to which it was fed left all other kinds of feed to eat it. The chemical analysis that has been made gives an acetic acid content of but three-tenths of one per cent. As the corn contained a sourness of one-tenth of one per cent when it went in, a development of two-tenths of one percent has intervened since it went into the silo. The fine result is best understood, when compared with corn silage put up in the regular way last year, in which the acid content ran from 1.98 to over two per cent.

The discovery is not yet fully worked out. Several problems arise in connection with it. The silo in which it was kept was only five feet in diameter. A single column of steam was effective in heating all parts of it, but the question arises will it be equally effective with a silo ten or twelve feet in diameter, and if not, how can the steam be applied so as to heat every portion of the larger silos. Also since such silos must be several times filled after settling down, in what way and when can the steam be applied so as to obviate the difficulty, and secure the results possible in the smaller silos. Also can the principle be extended with equal success to clover, peas, vetches and alfalfa? To settle these and other similar points, three of the larger silos will be called into use on the steam plan next year.

There is tolerable certainty that the experiment at the college with reference to use of heat for saving silage from acidity will yield favorable results. The progress already made foreshadows the ultimate success of the experiment. The result, coming as it does at a time when the Willamette Valley is in the transition stage from grain farming to diversified agriculture, will be of incalculable value. At the station there is great satisfaction over the discovery.

Sweet silage has been the dream of experimenters for years. Some of the famed scientists of the country have spent vast energy and time in the search for the secret. The elimination of sourness in silage means green feed in volume and character to give animals the same food that they are afforded in the vegetation seasons. Produced in an economical way as is promised by the steam process, it means that it is within the reach of every farm. Finally it means a balanced ration of forage plants in Willamette where such feed can be produced more luxuriantly and more economically than in most any other state or country.

It is said that the Babcock Test, discovered in an experiment station, has been of far more value to the world than all the experiment stations of the country have cost from the beginning to the present time. Of what inestimable value will the new silage plan be, if its success is finally demonstrated?

E. W. Brown
This signature is on every box of the genuine Laxative Bromo-Quinine Tablets. The remedy that cures a cold in ten days.

NEWS OF THE STATE.

The Umpqua Valley Oil Company has found hard rock at Myrtle Creek, but that fact brings no discouragement.

The Eugene Register reports that four masses of varicose veins were removed from a patient who lives near that city.

The steel lumber schooner Meteor last week loaded 1,500,000 feet of lumber at Tillamook mill. This is the largest cargo that has gone out from that port.

Hiram Hall, at the age of 92 years, died last week at the residence of his daughter, Mrs. R. A. Bensall, at Newport, Lincoln county. The deceased came to Oregon in 1838.

The Licena gold mine, of Bohemia, Lane county, has ore in sight valued at \$600,000. The great need for that camp is transportation to the railroad. The ore is taken to Tacoma, Washington, for treatment.

The Corvallis Times tells of a step-mother of whom it has heard, who beat her step-child unmercifully. The Boys' and Girls' Aid Society interfered. In removing the lad's shirt, the garment adhered in many places, and as many as thirty stripes and bruises were counted.

The citizens of Albany are fearful that the Willamette River will find a new channel and pass by that city on the other side. The possibility of such change was pointed out to the River and Harbors committee last June. A new petition framed since the high water of December last has been forwarded to Congressman Tongue.

"Hubby," said a Polk county farmer's wife, "on January 25th we shall have been married 25 years. Don't you think we ought to kill the fatted calf and have a feast?" "Kill the calf," growled the farmer gruffly, "I don't see what we want to jump onto the calf and kill him for. He isn't to blame for what happened 25 years ago."—McMinnville Register.

There is pretty loud talk, the Toledo Post says, of putting on a steamer from Yaquina to San Francisco. As an inducement, one responsible firm agrees to place 200 tons of freight every four days at Yaquina to be carried to San Francisco. If return freight averaging fairly up can be secured, a steamer may be had. The Post may be right, but in the matter there is large room for doubt. The rates for the present seem all against Yaquina, which was once a harbor with a busy traffic and a vast stream of freight pouring in and out. It ought to be so still, but it isn't.—Corvallis Times.

He sat resting on the top rail of a fence, the other day, his feet on the rail below, and his gun across his arm. He was a Corvallis man out for a breath of pure country air, and a few ducks. The sunshine lagged on his cheeks and the spring like zephyrs played up and down the green wheat fields and lingered now on the blue mountains beyond, or on the vaulted sky above. It was a delightful moment and his mood was gay. He puckered his lips properly and was about to vent his pleasurable emotions in whistling "Just as the Sun Went Down" when, lo—, the rail broke. There was a big ditch, full to the brim of cold, cold water, behind. Down, down backwards in the wet, wet water he went, and the puckered lips, instead of a whistle, gave forth a gurgle. It was Sheriff Burnett.—Corvallis Times.

About 10 days ago a stranger called on W. T. Emery, at his home in Coles Valley, claiming to represent the Baker Plow and Implement House, of San Francisco. After spending about one-half hour trying to sell Mr. Emery a plow he asked him when he would be in Roseburg again. Being informed that he would not be in the city for four or five days, the stranger took from his pocket an old envelope that contained the address of several farmers written across the end of it. He asked Mr. Emery to write his name and address on the envelope, saying that when he came to Roseburg to call at J. Abraham's store and Mr. Abraham could tell him where he (the alleged agent) could be found. Mr. Emery called at the store and to his surprise found a forged order for \$45 worth of merchandise. The stranger came to Mr. Abraham's store and obtained about \$29 worth of merchandise and left, telling Mr. Abraham to give him a bill of the goods and that he would give the bill to Mr. Emery. Nothing has been heard of the swindler since.—Roseburg Review.