

MEDFORD DAILY TRIBUNE

A LIVE PAPER IN A LIVE TOWN.

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GEORGE PUTNAM, Editor and Manager.

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MILK AS HORSE FOOD.

In the July Outing is an interesting article on "Milk-Fed Race Horse," by A. C. Robinson, descriptive of Azote, who was reared upon "dry milk," a new preparation of milk made by removing the water from milk.

Azote established beyond question that a horse can be brought up and worked more than ordinary horses on milk. Furthermore, Azote reached his maximum weight and development, one thousand and twelve pounds, in the unprecedented time of eighteen months and ten days, or an average gain during the five hundred and thirty-three days of feeding of over one and one-half pounds per day.

Ordinary horses take two and one-half years to reach their full weight development and their average gain per day is less than one pound. Another astonishing fact, and one of which he is the only living example, is that he had all his three-year-old teeth when he was two years and two months. It would seem that the day when the wise ones could tell the age of a horse by looking in his mouth was past. Now the ordinary horse does not reach his full power, that is the maximum of what he can do upon the track, until he is four or five years old. All the best prizes are offered for two- and three-year-olds and as soon as a horse begins carrying weight for age his chances for a "grand killing" are pretty well over. But suppose by a new method of feeding a colt could be made to gain a year and while in reality only three years old have the growth and strength of four? With this idea of rapid development in view, the colt Azote was bought.

He was taken from his mother when he was twenty-six days old, and started upon dry milk. He received one-half pound of the powder mixed with two quarts of water every two hours and a half, or eight times a day, just like a baby. He drank it from a pail in about a minute and that was all there was to his feeding. He was weighed every morning at 8 o'clock and as he grew the quantity of food was increased in proportion to his increase in weight.

After a time it was found advisable to give him a certain amount of hay, not for any purpose of nutrition, but in order to give bulk to the highly concentrated food upon which he subsisted. He was given about one-half as much hay as other horses receive. This is all he has ever eaten, a little hay and the milk powder mixed with water; never any oats or corn, and in this lies the novelty of the experiment. Yet when we consider that one pound of dry, separated milk contains as much muscle-making material as five pounds of oats or corn and as twelve pounds of hay, it was not so daring after all.

Dry milk is digested to the extent of 98 per cent; oats and corn to 65 per cent, and hay only 35 per cent. The advantages of this last fact are obvious, for besides receiving more nourishment in proportion to the bulk it requires only twenty-six hours for dry milk to pass through the intestines, whereas ordinary food takes three to four days, so that there is much less waste material and a horse during a race carries over the course much less dead weight. It is just as if his handieap had been cut down.

Milk contains 87 per cent of water. Dry milk is made by the removal of this water. The milk as soon as possible after it comes from the cow—in most cases an hour or two—is passed without preliminary treatment, physical or chemical, except straining, over polished steel rollers in a thin sheet. The rollers are heated to a temperature of two hundred and forty degrees Fahr., and the milk remains on them only about two and one-half seconds. It comes off the rollers a dry powder containing less moisture than flour, only 5 or 6 per cent. It is then packed in boxes or barrels and can be shipped far or near as required. Its chemical composition has been unchanged and it will now keep for an indefinite period, or until the re-addition of water.

All germs are killed by the temperature of two hundred and forty degrees to which the milk is subjected. The milk itself does not suffer any chemical change, as in the case of sterilization, on account of the short space of time it is subjected to this heat, only two and one-half seconds instead of twenty or thirty minutes. Bacteria develop only in the presence of moisture. It has been ascertained that there must be 15 per cent moisture for the propagation of germs. Now, as dry milk contains only 6 per cent moisture any germs which may subsequently get into the powder cannot develop; hence the milk keeps indefinitely or until water is again added. In dry milk is a food eight times as nutritious as ordinary milk in proportion to its weight, and which is absolutely free from bacteria and will remain so.

A BURMESE RAT TRAP.

The Rodents Will Eagerly Enter it and Cannot Get Out.

It is readily induced to jump or drop into any receptacle, especially if it affords them adequate concealment, and they do this without any lingering suspicion of their inability to reach the only existing outlet when the time for retreat approaches.

In Burma, where the rats are a perfect pest, they use a jar trap, which is thus described by a traveler: "The common Pugu jar I used was about one and a half or two feet deep and fourteen or fifteen inches broad, and a hole was punched in the shoulder just large enough for a rat to enter."

"There was about six or seven inches of paddy rice in the jar, which was then buried to within about eight inches of the top. The mouth of the jar was then closed with a board and a stone."

A FIREPROOF TREE.

The Chaparro, One of South America's Natural Curiosities.

On the vast plains of Colombia and the north of South America, called savannas, which are parched with heat except during the rainy season, there is one of the greatest of natural curiosities, a tree called the chaparro, which is fireproof.

It is the custom of the Colombian herdsmen to clear the ground by means of fire for the new vegetation, which springs up so luxuriantly in these regions after the rainy season. But not even the intense heat of a prairie fire affects the chaparro tree. It survives the flames to afford a welcome shade in an otherwise treeless country.

It is a small tree, seldom growing to more than twenty feet in height, with a girth of about three feet. It owes its curious immunity from fire to the nature of its hard, thick bark. The bark lies on the trunk in loose layers, which do not readily conduct heat to the more delicate parts of the structure.

The natives believe that this tree grows only where gold is abundant in the soil below, and it certainly is common in auriferous districts.—Westminster Gazette.

False Hair.

False hair was first regularly worn in England by Queen Elizabeth, who had upward of fifty wigs of different kinds for her private use. After her death a few women adopted the French fashion of wearing wigs, but it was not until the restoration that wigs, or more correctly speaking, periwigs, came to be extensively worn by the sterner sex. These were introduced in the court of Louis XIV., where a natural head of hair was not considered sufficiently luxuriant for the artificial tastes of the times.

The term "periwig" is a corruption of the French perruque. Wigs were originally adopted not as a remedy for baldness, but in the interest of personal cleanliness. The laws of ancient Egypt compelled all males to shave the head and beard. This explains why turbans were not worn by the Egyptians, the bushy artificial hair being regarded as a sufficient protection against the heat of the sun. The Romans, on the contrary, wore wigs because they were naturally bald.—St. Louis Republic.

What Displeased Him.

Two hunters were making their way across a lush meadow after a rain. The ground was moist and soggy, but their feet by quick stepping could be prevented from sinking more than ankle deep.

Suddenly the one in advance disappeared up to his neck in a narrow stream that, owing to the luxuriant growth on the bank, he had observed only as he stepped into it. With difficulty he pulled himself out and began wringing the water from his garments. "Well, darn a country," he remarked, with feeling, "where they set their creeks up edgewise and hide 'em in the grass."—Philadelphia Ledger.

Dreamers.

There was never so much need for real dreamers as there is today. The business man, caring only for "his beef, his beer and his pew in eternity," will laugh scornfully and want to know how his balance sheet would appear did he give way to dreaming, forgetting that his operations originated years ago in the vaguest visions; also that happiness is not a necessary concomitant of a heavy cash box.—London Advertiser.

Can't Afford Him Now.

Lily Bell—No Rufus, Ah can't marry you' just yet awhile. You' hab to wait. Rufus—Why for miss? Lily Bell—Cause three of the families nainny washes for done quill her, an' now she scawly makes thought to support me an' paw.—Judge.

The Source Told All.

"What'd Jimmy give yer fer yer birthday?" "This here brass ring." "How'd yer know it ain't nothin' but brass?" "Ho give it ter me."—Cleveland Leader.

There are nettles everywhere, but the smooth, green grasses are more common still.—Mrs. Brown.

Fourth of July Special Round Trip Rates.

One and one-third fare for the round trip to any point on the Southern Pacific system. Children 5 to 12 years, half fare. Good for return July 4, 5 and 6.

For further particulars, apply A. S. Rosenbaum, local agent Southern Pacific.

Special trains from all Rogue River points for Ashland will leave Grants Pass 7 a. m. Time leaving Medford later. Returning leave Ashland 10:30 p. m.

Fruit Trees! Fruit Trees.

The old reliable Albany Nurseries, I have the largest stock of fruit trees on the Pacific coast. Peas, apples, peach, plums, apricots, nectarines, cherries, English walnuts, shade and ornamental trees, berries, roses and shrubs, all of which I offer at lowest prices consistent with first-class nursery stock. Having been with this nursery 15 years, I can guarantee all stock to be true to name and free from disease. I handle nothing but Oregon grown trees.

L. B. WARNER, Medford, Or.

NOTICE.

Notice is hereby given that the undersigned will apply to the City Council of the City of Medford, Oregon, at their meeting on July 7, 1908, for a license to sell spirituous, vinous and malt liquors in quantities less than a gallon, for the period of one year, at their place of business at lots 5, 6, 7 and 8, in block 20, in the City of Medford, Oregon. Dated June 19, 1908.

HOTEL NASH COMPANY.

THE OLD HOWARD RANCH.

Three miles south of Medford and 2 1/2 miles west of Phoenix, is now cut up in small tracts to suit the purchaser. One-fourth cash, balance in three payments. This is a rare opportunity for men of small means. Listed with all the agents.

Classified Advertisements

One Cent a Word—No single insertions less than 15 cents. Six insertions for the price of four. Seventy-five cents a line per month.

FOR RENT.

FOR RENT—Two front office rooms and one large room 36x40 in Miles building. Inquire at premises or at Tribune office.

FOR RENT—Furnished rooms, electric light and baths. Mrs. E. L. Hale, D street near 11th.

FOR RENT—Six room house, after June 15. Inquire at Osenbrugge's residence.

FOR SALE.

FOR SALE—Choice house lot, five blocks from railroad station, near Catholic school, High and slightly located; easy terms. Write Box 508, Medford.

FOR SALE—Lot, 48x164, \$175, one-half down, balance on time; also lot in Ross addition, 50x120, \$125 cash takes this corner lot. J. E. Payette, Medford, Or.

FOR SALE—S. N. Subdivision is in the market now; choice ten-acre tracts, best location in the valley. L. Neudemeyer, Jacksonville.

FOR SALE—One Cadillac runabout, newly painted, in first class condition. Price \$650. W. J. Van Schaver & Co., Portland, Or.

FOR SALE—Runabout, \$300, thoroughly equipped with odometer, acetylene lights, top, etc. A. C. Allen, Medford, Or.

FOR SALE—Small business; fine location. Inquire Tribune.

WANTED.

WANTED—To buy from 100 to 300 head of stock sheep. Write Box 131, Medford, Or.

WANTED—Position as bookkeeper and stenographer in office. Address P. O. Box 482.

BUSINESS CARDS.

J. T. ANEBROM, WELL DIGGER. MEDFORD, OR. Prices right. Pumps furnished when wanted.

BALL & GLOBE COOK, Contractors and Builders. All Work Guaranteed. Office with C. H. Pierce & Son. Phone 653. P. O. Box 771.

G. M. JONES, City Scavenger. Garbage of all kinds removed on short notice. Leave orders with chief of police.

DR. A. B. SWEET, Physician and Surgeon. Office at Residence.

COLVIG & DURHAM, Attorneys-at-Law. Geo. H. Durham, Grants Pass, Or. Wm. M. Colvig, Medford, Or.

CHISHOLM & MARTIN, House Painting, Paper Hanging and Tinting. All work guaranteed. Phone 229. Lockbox 125, Medford, Or.

Medford Furniture Co., Undertakers—Day phone 353; Night Phone: C. W. Conklin 493; J. H. Butler 148.

PRIVATE DETECTIVE AND COLLECTION AGENCY. Lock Box 808. Medford, Or.

E. R. SEELY, M. D., Physician and Surgeon. Modern Equipped Operating Rooms. X-Ray. Office Hours, 10:30, 2-4 P. M. Office in Jackson County Bank Bldg.

GO TO DR. GOBLE FOR YOUR GLASSES. Optical Parlor in Perry's Warehouse, SEVENTH STREET. "He Has No Other Business."

Reduced Rates—Special Train.

A special train will leave Medford shortly after 8 a. m. next Saturday, July 4, for Ashland. This special will have on board the excursionists from the northern portion of the valley. The round trip full fare to Ashland will be 55 cents; half fare 30 cents; tickets good going on all passenger trains 3d and 4th and good to return until and including the 6th of July.

The special train will reach Ashland in ample time for the commencing of the exercises and will return after the celebration or about 10:30 p. m. Tickets will be on sale July 3. Get them early and avoid the rush. Ticket window at depot will be open all day of the 3d and at 7 a. m. of the 4th, thus giving all ample time to secure tickets.

Buy Tickets by Wire. "Something which is of considerable interest to the public generally and which is perhaps not generally known is the system of prepaid orders now in effect between stations of the Southern Pacific company and all points in the United States. By means of this system tickets may be purchased at Medford from any place in the United States and mailed or telegraphed direct to the party wishing to come here. Sleeper accommodations and small amounts of cash in connection with these tickets may also be furnished at the same time."

Harry Culbertson, general contractor and builder, cement work a specialty, Medford, Or.



Golden Grain Granules

100 PER CENT PURE CEREAL COFFEE.

It tastes like coffee. It looks like coffee and it smells like coffee, but is pure roasted grains, blended so as to procure the best flavor, the greatest strength and an article which young and old may drink morning, noon and night.

Golden Grain Granules is especially recommended to those suffering from heart trouble, nervousness, constipation, indigestion, dyspepsia and stomach troubles.

Nearly 2-pound package for 25c, all retail grocers.

Wholesale by P. B. Theiss & Co. Medford, Or.

J. E. ENYART, President. JOHN S. ORTH, Cashier. J. A. PERRY, Vice President. W. B. JACKSON, Asst. Cashier.

The Medford National Bank

MEDFORD, ORE.

CAPITAL..... \$50,000
SURPLUS..... 10,000

Safety Boxes to Rent. A General Banking Business Transacted. We Solicit Your Patronage



Jackson County Bank

MEDFORD, OREGON

State Depository. Established 1888. CAPITAL AND SURPLUS \$115,000.00

Realizing the Importance of good banking facilities, the officers of the Jackson County Bank are ever alert and progressive in the establishment of the most modern equipment and approved methods. Your account, subject to check, is cordially invited.

W. I. VAWTER, President
G. R. LINDLEY, Cashier



Nash Cafe

LUNCH, DINNER OR SUPPER served at all hours of the day. The good liver always comes here when he wants his chops, steaks, oysters or any of the appetizing dishes that we make a specialty of cooking to please the fastidious. If you wish to enjoy a well cooked meal, that can be prepared only by an artist, visit

MEDFORD SASH & DOOR CO.

Window and Door Screens, Block Wood

Office fixtures and all kinds of planing mill work, including turned work and fancy grills. F. BETWEEN 6TH AND 7TH STS. PHONE 68.

RESIDENCE LOTS

Fifteen choice lots for sale, located five minutes from depot, near school; these sold in block or separately; easy terms; the best buys in the city.

FRED'K C. PAGE

For Sale: Seventh Street Business Property

One two story brick, 50 x 140. Also 230 feet on Seventh by 50 on Riverside Avenue. See owner. Terms.

FRED'K C. PAGE

Have you tried our special 25c and 35c Coffees, or our Pyramid Tea yet? They are the best in the land; always good, always the same. We are now showing a nice line of Cut Glass and Dinner Ware.

MEDFORD TEA and COFFEE HOUSE

216 WEST SEVENTH STREET. MCGILGIBAN & JUNKEN, Props. PHONE 1051.

JUST RECEIVED

New Line Red Cross Shoes

"They Bend with the Feet"

C. M. KIDD, The Footfitter

Cold Storage Meats

Perhaps you don't realize what an important part meat is of the daily diet. Good meat usually means a good dinner, and a good dinner means a contented mind. Come here for your meat and you are sure of getting the best. We are always ahead when it comes to quality. Prices no more than elsewhere.

MEDFORD MEAT CO.

Successors to Pottinger. Next Hotel Nash.



Taking Steps

To further your best interests it is further our own as well. We accomplish this object by giving you full value for your money. No matter where you may direct your footsteps for tailoring work, we doubt if you will be able to get anywhere near as good fabrics and tailoring work as here. Our \$25.00 suits are going to be the "go." Why not place your order with us for such a suit now?

French Dry Cleaning and Pressing Neatly Done. A Fit Guaranteed.

W. W. EIFERT, The City Tailor, Medford

SNOW RAPIDLY GOING FROM ABOUT CRATER LAKE
Park Ranger H. E. Momyer, stationed at Crater Lake national park, reports snow disappearing rapidly from around the lake. Trains are already crossing the mountains near Superintendent Arant's station, which is down the mountain from Crater Lake. Deep drifts are still found near the rim of the crater.

LATE FISHING SEASON ALONG KLAMATH RIVER
Fishing has not yet commenced at the Klamath river, although the usual time for the spring run to begin has passed. Indians at the Klamath say that the fires built at the mouth of the river by men who were working on the stranded schooner President frightened the fish away.

LONGEST STEEL BRIDGE HAS BEEN COMPLETED
VANCOUVER, Wash., June 28.—The steel bridge across the Columbia at this place, said to be the longest steel bridge in the world, is now fully completed. The bridge was built by the Spokane, Portland and Seattle railroad at a cost of \$2,000,000. It is two miles long including the approaches. The main structure of ten spans is 2,500 feet long.