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THE JOURNAL TO BE ENLARGED.

We are so much encouraged by the good words of our friends and patrons, and the steadily increasing patronage of the paper, that we have concluded to enlarge the CAPITAL JOURNAL to a seven-column daily, as soon as we can complete arrangements now in progress.

COMMON MYTHS.

Ignorant folks, wonder-mongers, and even scientific observers, have disseminated many erroneous and exaggerated notions which are not readily eradicated. We are still told, for instance, of the Norwegian maelstrom, a frightful whirling eddy in the sea, capable of sucking down the largest ships; though in reality, this frightful "whirlpool" is simply a run of the tide through a sloping channel, is rarely dangerous, and then chiefly on account of the rocks on which it may draw vessels. John Herschel gave his endorsement to the statement that the stars may be seen in the daytime from the bottom of a well, but this has been proven to be an error by tests from a shaft nearly half a mile deep. John Murdock has recently shown that the Eskimos do not, as text-books of physiology affirm, doze through their long winter night, keeping up their bodily heat by enormous meals of raw blubber and lamp oil, but that their winter life is active, their food mostly cooked, and their consumption of oil not excessive. A still wilder legend is that the hair-snake is a wonderful transformation of a horse's hair when kept in water through these odd creatures, really grow from eggs, and in early stages inhabit the bodies of insects. A very old idea, without foundation in fact, is that crocodiles shed mournful tears; while toads imprisoned in solid rock are numerous and supported by much evidence, but have probably resulted from imperfect observations. Accounts of the germination of grain from the mummy-pits of Egypt have arisen from deception practised by the Arabs in placing fresh seeds with the the belongings of the mummies.

THE APE A USEFUL ANIMAL.

Apes probably rank next to man in general intelligence, and, though they lack perseverance, there seems to be no reason for doubting that they might be trained to do a variety of useful work. This is the opinion of Madame Clemence Royer, the French translator of Darwin, but she points out that the domesticated apes would require great quantities of such food as fruit, bread and eggs, that the process of educating them would be costly, and that for many generations the climate of Europe would be too severe for them. She suggests that the experiment should be tried first in tropical countries, where the apes might aid in cultivating coffee, cocoa and cotton.

GERMANY thinks so much of the importance of her agricultural interests that she maintains about four hundred and fifty agricultural schools to teach its sciences and practice. One reason why it has almost become a proverb that a "Dutchman" will live where an American will starve. It is high time that Oregon equips at least one school of practical agriculture and mechanics and sees to it that we have the real thing, not the shell.

VACCINATION RULES.

The merits of vaccination have been considered since 1883 by a German commission—three members of which were anti-vaccinationists—and these are among the conclusions which have at length been announced. The period during which vaccination protects against smallpox varies greatly, but as a rule all persons should be vaccinated every ten years; two well-marked vesicles are necessary to insure successful protection; animal vaccine is preferable; no special disease or increasing death-rate can be traced to the practice of vaccination; the operation should not be performed during epidemics of scarlet-fever, measles, diphtheria, whooping cough, typhus, or erysipelas; infants should not be vaccinated until three months old; and the greatest care in cleansing and disinfecting instruments should be observed.

DRIFTING SANDS.

Near the sea the shifting of sand by the winds is a familiar sight, and the drifts are often known to encroach on cultivated fields, forests, and village. Striking examples are found on Lake Michigan, where the withered tops of a forest are visible above a sand-drift, and in Norfolk, England, where farms and houses have been covered. The same phenomenon occurs in deserts, the great sand-hills being not only carried about by the wind but even forced beyond the proper limits of the sandy wastes. The extensive Registan desert in central Afghanistan is reported as being steadily pushed northwardly, and calculations have shown that its present rate of progress will cause it to overwhelm some of the most fertile and prosperous districts of the country in a few thousand years.

HEART disease is an affection to which nine-tenths of the animals in confinement are subject. Among elephants the most common and fatal of many diseases is rheumatism; monkeys and baboons generally die from bronchial affections and heart disease; felines, such as tigers, leopards, etc., from dysentery and heart disease.

THE manufacture of rubies has lately reached such perfection that the artificial product is often more valuable than the natural stone.

A STATE REFORM SCHOOL.

Senator Chamberlin's Bill to Establish Such an Institution.

A bill to establish a reform school:

Be it enacted by the Legislative Assembly, there shall be established an institution to be known as the State Reform School of Oregon for juvenile offenders.

The general supervision and government of said institution shall be vested in a board of control to consist of three commissioners, of whom two shall be a quorum, who shall be elected in joint session of both houses of the legislature. The members of said board shall hold their offices for the respective terms of two, four and six years from the first day of March, 1889, and until their successors shall be elected and qualified (said respective terms to be designated in their appointments); and that thereafter there shall be one of board appointed in the same manner every two years. All vacancies in said board shall be filled by the governor, subject to the approval of the senate at the next succeeding meeting. Said commissioners before entering upon the discharge of their duties shall each take an oath faithfully to discharge the same. They shall organize by electing one of their members as president.

Said commission shall appoint a suitable superintendent of said institution and all necessary subordinates and fix their salaries. They shall have power to make and enforce all such rules, regulations, ordinances and by-laws for the government and discipline of said institution as they may deem just and proper.

Before entering upon his duties the superintendent shall give a bond to the State of Oregon in the sum of five thousand dollars, etc.

The superintendent shall reside at the institution. He shall have charge and custody of the buildings and other property of the institution, shall govern the inmates in accordance with such rules and regulations as the board of commissioners may prescribe, and shall employ such methods of discipline as

will so far as possible reform their characters, person and health, promote regular improvement in their trades and employments, and secure to them fixed habits of industry, morality, etc.

This section is devoted to the manner of drawing warrants, etc., on the State Reform School fund.

Upon conviction of any minor under twenty years of age of a crime punishable by imprisonment in the state penitentiary if in the opinion of the court in which proceedings are pending there is reasonable ground to believe that such minor may be reformed and being fully advised of the circumstances connected with the crime, the court in its discretion may sentence such minor to a term of not less than one year in said institution of reform.

Relates to the papers of commitment, etc.

Any boy committed to the state reform school shall be kept there, disciplined, instructed, employed and governed under the direction of the board of commissioners until he is bound out or discharged as reformed or otherwise legally discharged as reformed. The discharge of a boy as reformed shall be a complete release from all penalties and disabilities created by the sentence.

The superintendent shall have power to place any minor committed to said institution at any employment and shall have power to bind him out with his consent as an apprentice and may execute indentures of apprenticeship for such minor, which shall have like force and effect as other indentures of apprenticeship made under the laws of this state.

The said board of commissioners are hereby empowered and directed to secure by purchase or lease suitable premises where this institution may be carried on at, in, or near the capital of this state, to wit: Salem.

That there shall be and hereby is appropriated out of any moneys in the state treasury not otherwise appropriated, the sum of \$300,000, or as much thereof as may be required to establish and carry on said reform school until the meeting of the next legislature in 1891.

Said board of commissioners shall each be allowed for their services the sum of three dollars per diem when actually engaged in the discharge of their said duties and all necessary traveling expenses payable in the same manner that other claims are paid against the institution.

BORN.

McCAULEY.—Born to T. N. McCauley and wife on the morning of Tuesday, Jan. 22, 1889, a baby.

DIED.

MINTO.—At the residence of John Minto, Sr., Monday, January 21, 1889, 11:30 p. m., Miss Lena Minto, the death of Miss Minto, was a shock to a large number of warm friends and relatives. She was of a very loving and cheerful disposition, and will be sadly missed by her many associates. It seems sad that one so pure and childlike should leave us so soon, but Death's sickle has no choice among us. "Therefore be ye ready, for at such a time as you know not the Son of Man cometh." Miss Lena was the daughter of Ex-Sheriff John Minto, who is well known throughout this county. The grief-stricken relatives have the sympathy of their many friends.

ADMINISTRATOR'S SALE.

Notice is hereby given that by virtue of an order and license of sale duly made, rendered and entered of record by the County court of Marion county, Oregon, on the 7th day of January, 1889, authorizing and empowering me as administrator of the estate of John Hughes, deceased, to sell the real property of said decedent hereinafter described, I will on SATURDAY, THE 9TH DAY OF FEBRUARY, 1889, at one o'clock in the afternoon of said day at the door of the County court house in Salem, in said Marion county, sell at public auction for cash in hand on the day of the sale to the highest bidder all the right, title, interest and estate of said John Hughes, deceased, at the time of his death in and to the following described real property, to-wit: Beginning at a stake 4.74 chains, N. 65 deg. 04 min. W. from the S. E. corner of the Donation Land Claim of John Baker and Nancy B. Baker his wife, No. 42 and in the South boundary line of said claim; and running thence North 20 deg. 30 min. East 3.11 chains to a stake in the center of the County road leading from Salem to Howell Prairie; thence N. 80 deg. 30 min. W. along the center of said road 3.21 chains to a stake; thence S. 20 deg. 30 min. W. 1.50 chains to a stake in the South boundary line of the Donation Land Claim of John Baker; thence S. 65 deg. 04 min. E. 3.25 chains to a stake; thence South by line to the place of beginning, containing 3.01 acres of the land more or less and situated in Section 21 in T. 7 S. R. 3 W. of the Williams-Merion Merion County, Oregon, and being part of the Donation Land Claim aforesaid.

DAVID SIMPSON, Administrator of the estate of John Hughes, deceased.

Beware of Ointments for Catarrh that Contain Mercury.

Mercury will surely destroy the sense of smell and completely derange the whole system when entering it through the mucous surfaces. Such articles should never be used except on prescriptions from reputable physicians, as the damage they will do are ten fold to the good you can possibly derive from them. Hall's Catarrh Cure, manufactured by F. J. Cheney & Co., Toledo, O., contains no mercury, and is taken internally, and acts directly upon the blood and mucous surfaces of the system. In buying Hall's Catarrh Cure be sure you get the genuine, it is taken internally, and is made in Toledo, Ohio, by F. J. Cheney & Co. Sold by druggists, price 75 cents per bottle.

Right, lovely weather—invigorating and healthful.

Gardening for Ladies.

Make up your bed early in the morning; sew buttons on your husband's shirt; do not rake up grievances; protect the young and tender branches of your family; plant smiles of good temper, and reap a crop of health and happiness; root out the causes of nervous debility and "female weakness," by the use of Dr. Pierce's Favorite Prescription. It is a favorite specific, and thousands of the fair sex bless the day they first heard of it. It is the only medicine for women, sold by druggists, under a positive guarantee, from the manufacturers, that it will give satisfaction in every case, or money will be refunded. This guarantee has been printed on the bottle-wrapper, and faithfully carried out for many years.

To cleanse the stomach, liver, and system generally, use Dr. Pierce's Pellets.

The river is extremely low for this season of the year.

Worth Knowing.

Mr. W. H. Morgan, merchant, Lake City, Fla., was taken with a severe cold, attended with a distressing cough and running into consumption in its first stages. He tried many so called popular cough remedies and steadily grew worse. Was reduced in flesh, had difficulty in breathing and was unable to sleep. Finally tried Dr. King's New Discovery for consumption and found immediate relief, and after using about half a dozen bottles found himself well and has had no return of the disease. No other remedy can show such a grand record of cures as Dr. King's New Discovery for Consumption. Guaranteed to do just what is claimed for it.—Trial bottle free at Dr. H. W. Cox's drug store.

Have you observed that the days are lengthening?

Brace Up.

You are feeling depressed, your appetite is poor, you are bothered with headache, you are fidgetty, nervous, and generally out of sorts, and want to brace up. Brace up, but not with stimulants, spring medicines, or bitters, which have their basis very cheap, bad whisky, and which stimulate you for an hour, and then leave you in worse condition than before. What you want is an alternative that will purify your blood, start healthy action of Liver and Kidneys, restore your vitality, give renewed health and strength. Such a medicine you will find in Electric Bitters, and only 50 cents a bottle at Dr. H. W. Cox's Drug Store.

Colds are plentiful in all parts of the country at this time.

TO CONSUMPTIVES.

The undersigned having been restored to health by simple means, after suffering several years with a severe lung affection, and that dread disease consumption, is anxious to make known to his fellow sufferers the means of cure. To those who desire it, he will cheerfully send (free of charge) a copy of the prescription used, which they will find a sure cure for consumption, catarrh, asthma, bronchitis, and all throat and lung maladies. He hopes all sufferers will try his remedy, as it is invaluable. Those desiring the prescription, which will cost them nothing, and may prove a blessing, will please address, Rev. Edward A. Wilson, Kings County, New York.

There has been quite a snow storm at Sissons, California.

Are We to Have Another War?

Some political prophets aver that we shall. Be that as it may, the battle waged by medical science against disease will never cease until we arrive at that utopian epoch when the human family shall cease to be afflicted with bodily ailments. One of the most potent weapons which the armory of medicine furnishes, is Hostetter's Stomach Bitters, which is of special utility as a family remedy, as it is adapted to immediate relief and ultimate cure of those disorders of the stomach, liver and bowels which are of commonest occurrence. Indigestion, biliousness and constipation are inseparable companions, and these ailments are completely eradicated by the Bitters. But the remedial scope of this aperiently wholesome and genial medicine takes in also nervous ailments, rheumatism, and kidney troubles; its action in these, as in the other complaints, being characterized by unequalled thoroughness.

There may be room at the top, but only one at a time can spin it.

An Absolute Cure.

THE ORIGINAL ABIETINE OINTMENT is only put up in large two-ounce tin boxes, and is an absolute cure for old sores, burns, wounds, chapped hands, and all skin eruptions. Will positively cure all kinds of piles. Ask for the ORIGINAL ABIETINE OINTMENT. Sold by D. W. Matthews & Co., 106 State street, Salem, at 25 cents per box—by mail 30 cents.

NEW ADVERTISEMENTS.



HAPPY NEW YEAR TO ALL.

The Capitol Adventure Co. was incorporated in March, 1886. Their principal business house and office are in the Opera House, double corner on Court and Liberty streets, Salem. They do a general merchandise business, and in connection do an auctioneering and commission business, buy and sell real estate, cattle, horses and also act as appraisers, administrators, assignees and accountants. They have experienced help that are competent to act in all the above capacities on short notice. The best of references can be given as required, and bonds to any amount necessary. They have given the best of satisfaction as appraisers and assignees. The Capitol Adventure Co. have, for the short time they have been in business, shown to the public that they are doing a legitimate business, worthy of their patronage. Among their patrons you will find the best farmers, who exchange their products to them for their wares; the mechanics and laborers, who know the value of a dollar, and where to invest it; also the refined and talented people who there for their elegant wares. The immigrants soon find themselves at home at the opera house corner, for the reason that the Capitol Adventure Co. sell from ten to twenty-five per cent cheaper than any other house in the

state, for the following reasons: First, They buy from first hands in large quantities. They save the profits of the middle men. They save in freight. They also have the advantage of buying bankrupt stocks, and also very often reliable merchants who are pushed for funds sell them the best of goods at twenty to thirty per cent. discount for cash. Second, They have leased the elegant Opera House building for a long time for almost nominal rent. They have the most commodious and best lighted store rooms in the city. They carry a full and complete stock of dry goods, clothing, hats, boots and shoes, ladies' and gents, furnishing goods, jewelry and silverware, notions, stationery and cutlery, groceries, in fact a general variety such as are usually kept in a first class store. The Capitol Adventure Co. is about the only firm in Salem that tries to command the farmers' trade by buying all their merchantable products, and they retail the farmers' products the same prices they pay, thus saving to the mechanics and laborers from ten to twenty per cent. for the real necessities of life. Therefore the Capitol Adventure Co. asks for the continuance of the public's patronage. You will find them at the Opera House corner, Court and Liberty streets, Salem, Oregon. EUGENE WILLIS, S. FRIEDMAN, Secretary. Manager.

Advertisement for shoes, featuring an illustration of a boot and the text 'BOOTS SHOES'.

Advertisement for WM. BROWN & CO., Dealers in Leather and Findings, featuring an illustration of a shoe and the text 'CASH PAID FOR Wools, Hides, Pelts and Furs'.

Advertisement for CALIFORNIA CAT-R-CURE, featuring an illustration of a cat and the text 'THE ONLY GUARANTEED CURE FOR CATARRH'.

HAVE YOU A COLD IN THE HEAD which does not get better? Have you an excessive secretion of mucus matter in the nasal passages? Are you troubled by sneezing, spitting, weak and inflamed eyes, frequent soreness of the throat, ringing or roaring in the ears, more or less impairment of the hearing, loss of smell, memory impaired, dullness or dizziness of the head, dryness or heat of the nose? Have you lost all sense of smell? Is your breath foul? If so, you have the Catarrh! Some have all these symptoms, others only a part.

California Cat-R-Cure Restores the sense of taste and smell, removes bad taste and unpleasant breath, resulting from Catarrh. Easy and pleasant to use. Follow directions and a cure is guaranteed by D. W. MATTHEWS & Co.

RECOMMENDED. CAPTAIN CHARLES L. DIMON, of New York City, formerly special agent of the Phoenix and Home Insurance Company at San Francisco, Cal., says: "I have been troubled with Chronic Catarrh for twenty years. A friend in Woodland, Cal., recommended your California CAT-R-CURE. I procured a jar, having but little faith in its curative properties; but I must say, after using three jars, I am cured of that disgusting disease. Inclosed find \$5 for which send me California CAT-R-CURE for some friends who are sufferers."

SOLD AND GUARANTEED BY D. W. MATTHEWS & COMPANY, 106 STATE ST., SALEM, OR SNELL, HEITSHU & WOODARD, Wholesale Deot.