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SOUTHERN PACIFIC

John M. Scott, Gen. Passenger Agt., Portland



THE "GREATER OREGON"

With new buildings, better equipment, enlarged grounds, and many additions to its faculty, the University of Oregon will begin its fortieth year, Tuesday, September 14, 1915. Special training in Commerce, Journalism, Architecture, Law, Medicine, Teaching, Library Work, Music, Physical Training and Fine Arts. Large and strong departments of Liberal Education. Library of more than 55,000 volumes, thirteen buildings fully equipped, two splendid gymnasiums. Tuition Free. Dormitories for men and for women. Expenses Lowest. Write for free catalog, addressing Registrar UNIVERSITY OF OREGON EUGENE, OREGON

STORE NEWS

The famous "Topperweins" Mr. and Mrs. who are known all over the U.S. for their superior ability as marksmen with both shotgun and rifle, through the kindness of the Winchester people will be with us on our local Gun Club grounds on September 15. It will pay you to see these people. They will do stunts, fire arms that you would think impossible. For further particulars, ask the boys at 'The Big Hdwe. Store.' It's all free.

A lot of people are buying empty kegs and barrels of Larkin-Prince to put pickles and pork in for winter use.

There's a good second hand "Aurora" heater, a Jewel range and top buggy waiting for buyers at Larkin-Prince Hdwe. Co.

All the farmers who are using Conkey's Fly Knocker milk their cows in comfort and get more milk than the fellows who let the poor cows do the knocking with their tails.

The Union and Standard Oil Co. want their oil drums and the farmers who have them should return them to the places where they get the oil, so that the dealers in turn can send them back to the oil people as they need them to make shipments.

Another John Deere buggy on the road that wasn't their last

week. Larkin-Prince sold it of course.

You don't need heaters now, but when winter comes, remember the exclusive agency for the "Cole's" air tight heaters is at 'The Big Hdwe. Store' this year and if you want to know something about them just ask a fellow that has used one for 10 or 12 years.

Off in a "cloud of smoke" for the 'hop-yard but don't forget it may rain before you come home and you might want a tent. Ask the boys at 'The Big Hdwe. Store' about the price of their "Willamette" tents. Camp stoves and everything you need you will find there.

Helpful.

A green brakeman on a Colorado railroad was making his first trip over the Rockies. They were going up a very steep grade, and with unusual difficulty the engineer succeeded in reaching the top. At the station, looking out of his cab, the engineer saw the new brakeman and said with a sigh of relief, "I tell you, my lad, we had a job to get up there, didn't we?"

"We certainly did," said the brakeman, "and if I hadn't put on the brakes we'd have slipped back."

Many a man will give you a recommendation, who wouldn't give you a job.

FORESTS AND MOISTURE.

Trees Conserve Water, Aid Percolation and Retard Evaporation.

Trees drink in and transpire an enormous quantity of water. This giving off tempers the dryness of the nearby atmosphere. Moisture bearing currents of air are caught by forest areas as they are not by the heated plains. Local showers may thus become more frequent where trees abound, or at least the availability of whatever rain may fall is increased for the locality by forest growths.

Foliage, twigs and branches break the fall of the raindrops. So does the litter on the forest floor. Hence the soil under this cover is not compacted as in the open field, but is kept loose and granular, so water can readily penetrate and percolate. The water reaches the ground more slowly, dripping gradually from the leaves, branches and trunks, and thus more time is allowed for it to sink into the soil and appear again in springs or subsoil moisture lower down.

In forests there is much less evaporation of moisture than in the open country because sun and wind do not have such free play. It is estimated that forests have from 50 to 90 per cent of water supply more than the open fields because of increased percolation and decreased evaporation.—Country Gentleman.

ITALY'S CRACK MARKSMEN.

They Are All Athletes and Are the Pride of the Army.

The bersaglieri (sharpshooters) are the elite of the Italian army, and each bersaglieri is a picked man, chosen for his hardihood and stamina, the average bersaglieri being short and thick-set, but with magnificent strength and exceptional powers of endurance.

There is no prouder soldier in the world than the full blown bersaglieri as he swags along the street of an Italian town in his dark blue uniform, with its rich red facings, and on his head, set at a rakish angle, the famous wide brimmed black slouch hat adorned with large, heavy, drooping plumes of green cock feathers.

Bersaglieri, by the way, is pronounced ber-sar-i-lary.

When on the march the bersaglieri never walk as do other soldiers, but always go at a sort of quick trot.

These 25,000 or so men are among the most perfectly drilled troops in the world. Every single bersaglieri, apart from being a man chosen for his endurance, is a fully trained athlete.—Westminster Gazette.

An Idol With Diamond Eyes.

The famous Orloff diamond was once the right eye of the great idol Serapis, ham in the temple of Brahma. This precious gem was stolen at about the beginning of the eighteenth century by a French soldier who had made a pretense of being converted to the Hindu religion in order to gain the confidence of the priests and admission to the temple. The Frenchman first sold the diamond for \$2,000. On the next turn it was bought by a banker of Constantinople for \$12,000. The banker kept it until 1774 and then sold it to the Russian empress for \$90,000 and a life pension. The gem has been in the Russian royal family ever since. As it is now set in the imperial scepter of Russia it presents a flattened, rose cut surface and weighs exactly 194 1/2 carats.

Stinging Rebuke.

A society man said in Newport apropos of a current scandal:

"It reminds me of a very trenchant anecdote. A young married woman at a seashore hotel went up to a pretty girl in white who had been dancing like mad with the first one's husband and said:

"I've got a last year's coat suit that's quite good, really. To be sure, it's out of style. Still, would you like to have it?"

"The girl blushed red with mortification.

"What!" she said. "Do you think I'd wear your cast off clothes?"

"I thought you might," hissed the young married woman. "You seem anxious enough to get my husband."

—Exchange.

Grenadiers.

Evelyn writes in his diary under date 1678: "Now were brot into service a new sort of soldiers called Grenadiers, who were dexters in flinging hand grenades; they had furred caps with coped crowns, which made them look very fierce; and some had long hoods hanging down behind as we picture fools." The original grenadiers hurled their grenades, and then charged the enemy with hatchets.—London Standard.

Not the Usual Kind.

"What a fool exercise fencing must be for women."

"Why so? I always understood it was fine."

"Here Maude Hinks is taking lessons, and she told me yesterday she was learning how to fence."

Before and After.

Stella—When you are engaged you tell him that he must economize. Bella—And after you are married he tells you that you must.—Boston Journal.

Lorraine.

Before Lorraine was united with France in 1793 he belonged to the de-throned king of Poland. Before that it belonged to Austria.

It happens many times that we seem much deceived in others because we first deceived ourselves.

SHARPENING A PENCIL.

The Way a Child Does it is an Index to Its Character.

It is very often the little things that children do which give the best indication of what their future characters will be. Schoolteachers, for instance, have a first rate opportunity for watching the different traits in the children who come before them. In their work and in their play the sort of man or woman the child will become is daily unfolded. In such a small matter even as the sharpening of a pencil valuable hints may be obtained by any one in the least observant. Here it may easily be discovered whether a boy or girl is careful, destructive, wasteful or economical.

The boy, for instance, who sharpens his pencil into a stub is inclined to be economical, careful and quick in after life. The boy or girl who takes an inordinately long time to make a slender point, cutting very precisely and regularly all the time will usually prove to be of an artistic and dreamy disposition. The child who, regardless of the look of the pencil, gouges out great pieces in order to get to the lead will show impulsiveness and generosity.

More destructiveness, however, becomes apparent when a child takes a delight in sticking his knife in his pencil and splitting it or destroying it in some other way.

Parents, watch your children when sharpening their pencils, and correct and advise them accordingly.—Pearson's Weekly.

CARLYLE'S FIRST LOVE.

She May Have Been the Blumline of "Sartor Resartus."

During the year 1818 Thomas Carlyle, the Scotch philosopher, was living at Kirkcaldy, and he seems there for the first time to have fallen in love. The lady appears not to have returned the attachment, although she, with great insight, at the age of twenty-two, perceived the genius of her suitor of twenty-five.

In the letter in which she took leave of her admirer she used these significant expressions: "Cultivate the milder dispositions of your heart, subdue the more extravagant visions of the brain. . . . Genius will render you great. May virtue render you beloved! Let your light shine before men, and think them not unworthy this trouble."

Many years after, when Carlyle wrote his reminiscences, he described the episode. He says that Margaret Gordon "continued for, perhaps, some three years a figure hanging more or less in my fancy, on the usual romantic and latterly quite elegiac and allent terms."

The real interest of the story is: Was Margaret Gordon the original of the Blumline of "Sartor Resartus"? One critic would have us answer that, although Jane Welsh might have inspired some of the details, it was Margaret Gordon who was the true original.—New York Telegram.

The Faust Legend.

For 1,400 years the Faust legend—the sale of a human soul to a devil—has existed. The first recorded hint of its vitality is given in the sixth century story of "Theophilus." That story suited the early Christians in their efforts to stamp out the necromancing devices of evilly disposed persons prone to seek power by unholy means. The association of the name of Faust, however, with the legend is not more than 400 years old. The likeliest prototype of the modern Faust is the man of the same name who in Cracow boldly proclaimed himself a professor of magic. In the sixteenth century stories Helen of Troy was bestowed by Mephistopheles upon Faust, and not until the middle of the eighteenth century does there appear a shadowy Margaret in the form of a "beautiful but poor girl," who afterward develops into the Margaret of Goethe.

The Dead Horse.

The smart traveling man stood on a corner in the little country village at dusk. He was looking for amusement, and the first object that attracted his attention was an overgrown boy, perhaps fifteen years of age, riding a horse that might have come out of the ark.

"Hello, sonny!" shouted the salesman. "How long has that horse been dead?"

Quick as a flash the boy replied, "Three days, but you're the first to ask that has noticed it."

"The traveling man moved on to the hotel.—Youth's Companion.

Force of Association.

While the owner of the touring car dismounted during necessary repairs, the young front wheel timidly asked the old back wheel:

"Don't you get weary of the social whirl—revolving and revolving and revolving?"

"You'll get used to it," said the old wheel. "Our owner is a spinster, with nothing to do but go round, till sometimes I feel like a Daughter of the Revolution myself."—Judge.

His View.

Willie—Do you think a man should be allowed to hold the highest honor in the United States more than four years? Gills—Sure thing! I say, if a man can't top the league in batting for ten or even fifteen years let him stay in the game for the good of the sport.—Boston Journal.

A Difficulty.

"When I marry the woman I want must be the possessor of brains." "But suppose she makes the same requirement?"—Baltimore American.

INCENDIARY BOMBS.

These Missiles of Fire and Fumes Are Loaded With Thermit.

Incendiary bombs differ from ordinary explosive bombs in that they are intended not to scatter fragments over a wide area, but to produce sudden and intense heat at a given point, thus starting a fierce conflagration.

W. A. Tilden describes in Nature one of these bombs. His account is as follows:

The bomb, as a rule, is conical, of ten inches diameter at the base, corded round and has a metal handle at the apex. The base is a flat cup, on to which a pierced metal funnel is fitted, having the ignition device and handle fitted at the top. The funnel is generally filled with thermit, which upon ignition generates intense heat and by the time of the concussion has taken the form of molten metal of the extraordinarily high temperature of over 5,000 degrees F. The molten metal is spread by the concussion. Outside the funnel is a padding of a highly inflammable or venomous material, bound on with an inflammable form of rope. The red-hot material creates a pungent smoke.

There is generally some melted white phosphorus in the bottom of the cap, which develops nauseous fumes. In some cases celluloid chipplage are added and occasionally a small quantity of petrol.

JOGGED HIS MEMORY.

One Clever Wife Made Sure Her Letters Would Be Mailed.

It was one of those days when it rained without the least warning that a well dressed man stopped in front of a High Street business place. He stood with studied look, as though some heavy weight was on his mind. For fully five minutes he stood there thinking, thinking, thinking.

Then it began to sprinkle a little, and he raised an umbrella which he had been tossing from one hand to the other as he went through his different pockets. When he raised the umbrella two letters already stamped fell from it to the ground. They struck first on the hat of the man and then slowly fell down past his face. There was a broad smile, and he picked them up.

"I knew there was something my wife had told me to do, but I couldn't make out for the life of me what it was," he said to another gentleman who stood near by.

The wife had placed two letters in his umbrella. She was certain that there would be a shower and that in no other manner could she be sure of having the letters mailed.—Columbus Dispatch.

Diplomacy.

"Johnny," said the indignant parent, "why didn't you come home when I called you?"

"I didn't hear you," replied truthful John.

"Then why did you run away?"

"Because I was afraid that I might hear you."—Richmond Times-Dispatch.

Family Joy.

"When you were courting me," said his wife, "you declared there wasn't another woman in the world like me."

"Yes," replied her husband, "and I'm glad of it—for the sake of other men."

In common things the law of sacrifice takes the form of positive duty.—Froude.

GEOLOGIC PERIODS.

Stories of Time Told by Fossilized Plants and Animals.

Scientists hesitate to estimate geological time in terms of years. Such estimates have, however, been made, and one published by Professor Charles Schuchert in 1910 states that about 12,000,000 years have elapsed since the close of the carboniferous age, an age, as the name suggests, in which great deposits of carbon, in coal, were being formed in many parts of the world. This age has been divided by geologists into the Mississippian, Pennsylvanian and Permian epochs, of which the Mississippian is the oldest and the Permian the youngest. The Pennsylvanian epoch alone is estimated by Schuchert to have covered 2,100,000 years, and animal life is supposed to have existed on the earth for over 14,000,000 years before that time.

Geologic periods are recognized primarily by the animals and plants that lived in them, so that the study of fossils plays a very real and important part in the progress of geologic knowledge.

Rocks of carboniferous age, as shown by their fossils, have a wide distribution in the United States, and they are apt to abound in these remains of plant and animal life. The fossil shells which are found in them, however, may vary greatly from point to point, because the animals they represent lived in different regions of geologic time or in different regions in the carboniferous ocean.—Argonaut.

Languages.

The principal languages of the world are listed in order as follows: English, spoken by more than 150,000,000 people; German, more than 120,000,000; Russian, more than 100,000,000; French, more than 80,000,000; Spanish, more than 55,000,000; Italian, more than 30,000,000; and Portuguese, more than 30,000,000. These seven are the principal languages of Europe and America. There are said to be 3,424 spoken languages or dialects in the world—1,624 in America, 687 in Asia, 587 in Europe and 276 in Africa. Among other important languages are the Chinese, Japanese, Scandinavian branches, Slavonic speeches and dialects and the various languages of India, Persia, Arabia and modern Greece.

A Poor Present.

A wounded soldier explained his grievance to his nurse.

"You see, old Smith was next me in the trenches. Now, the bullet that took me in the shoulder and laid me out went into 'im and made a bit of a flesh wound in his arm. Of course I'm glad he wasn't 'urt bad. But he's stuck to my bullet and given it his girl. Now, I don't think that's fair. I'd a right to it. I'd never give a girl o' mine a second 'nd bullet."—Exchange.

New York City's Pensions.

New York city has eight pension funds. They are the public school teachers' retirement fund, the police pension fund, the fire department relief fund, the department of health fund, the College of the City of New York fund, the supreme court appellate division fund, the street cleaning department fund and the city of New York employees' retirement fund.—New York Mail.

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