EUGENE CITY GUARD.

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EUGENE CITY, OREGON.

SCIENCE AND INDUSTRY.

—A nine-foot coal vein has been struck near the surface at Greeley, Col.

—Prof. Hayden, of the Geological Survey, advances the theory that the world is preparing to enter upon another glacial period, which will set in about 2887.

—An extensive deposit of pure asphaltum has been discovered near Thistle Station, in Utah. It is worth $40 a ton; the expense of mining is about forty cents.—*Golden Rule.*

—In Germany the microphone is now used for tracing leaks in water-pipes, the slightest trickling of the water being made distinctly audible when the apparatus is brought near it.

—The government of India now maintains 131 weather observatories. From these a special study of the influence of forests on climate has been made, and the results confirm the theory that rainfall is most abundant over wooded districts.

—It is not necessary to have different metals to obtain a current of electricity. Iron in nitric acid and iron in sulphuric acid, the two fluids being separated by a porous partition, will give a current, one plate wasting away, while the other thickened.—*National View.*

—One of the two component stars which make up the double star knownas number fourteen in the constellation of Orion, moves completely around the path in which it travels once in one hundred and ninety years. This fact has recently been ascertained by Mr. J. E. Gore, an Irish astronomer.—*N. Y. Ledger.*

—A German engineer, named Henkels, has invented a ventilating window-pane which admits fresh air while preventing a draught. Each square metre of glass contains 5,000 holes, which are of conical shape, widening toward the inside. The new device has already been adopted by many of the German hospitals.—*Baptist Weekly.*

—The *Age of Steel* publishes a summary of the statistics collected by the American Iron and Steel Association in the nail trade. These statistics show that exclusive of railroad spikes and horseshoe nails our total production of cut nails and cut spikes in 1886 was 8,160,973 kegs of 100 pounds each, against 6,696,815 kegs in 1885, 7,581,379 kegs in 1884, and 7,762,737 kegs in 1883. The production of 1886 was the largest the country has ever attained.

PUNCENT PARAGRAPHS.

—A local optician avers that "the education of the eye is necessary even to self-support." That is, we suppose, it keeps the pupil under the lash until it is able to say, "I-(eye)-browse for myself."

—Cooing and Billing.—

To-day, oh girl, the man you love,
Calls you his bird, his duck, his dove;
But when your bonnet bill he'll scan,
He'll shriek, "O, what a pelican!"

—*Burdette.*

—"You are an insolent puppy, sir. There's only one thing that keeps me from giving you an adequate thrashing." "Ah, indeed! And what is that?" "My cowardice, sir."—*Philadelphia Call.*

—"Pardon me, sir," he said politely, "but it strikes me somewhat odd that so well-dressed a man as you are should wear such a shocking pair of shoes. Are you doing it on a wager?" "No, sir," was the reply, "I am a shoemaker."—*N. Y. Sun.*

—"Yer b'y Dinny had a foine wake, didn't he, Mrs. Moorphy?" "Indade an' he did that, Mrs O'Hoolihan." "It wor a proud day for yez." "Yis. But it'll always be one of the regrets av my loife that Dinny couldn't have lived to see it. 'Twould have done his heart good, so it would."—*Merchant Traveler.*

—A little boy was recently taken to the barber's shop to have his hair cut for the first time. As the barber cut and clipped the little fellow seemed to be considerably alarmed, for he suddenly said in anxious tones, "You'll leave enough to grow, won't you, mister?"

—"What a perfect lady that Mrs. Cobwigger is!" remarked the grocer. "She comes in here and leaves a big order every day and never asks the price of any thing." "No wonder she never troubles herself about the price," returned Mrs. Pugwash. "And why not?" asked the grocer, slightly puzzled. "Is she so rich?" "No," was the sapient reply, "but she never intends to pay."

—Omaha Woman—"Did you ever! People are talking of growing flax for fuel." Omaha Man—"Yes, I noticed that. It is said to have more heating power than coal." "Why, come to think, it is a good plan—a splendid plan. There won't be any trouble with chimneys then." "Trouble with chimneys?" "No. You know how beautifully a flaxseed poultice draws."—*Omaha World.*

—It is singular, the queer appreciation of dramatic situations that some people have. Here are a couple of incidents connected with the performance of "Romeo and Juliet" by the Mather company in this city a few weeks ago. Two ladies passing out after the play had ended, were discussing the merits of the acting, and so forth, when one of them said, "I think it would have been better to have let 'em married. The play wouldn't end so gloomy." Still another woman remarked that it was "a pity Shakspeare didn't have those two families reconciled. There was such a good chance."—*Hartford Post.*

TELEGRAPHIC SUMMARY.

An Epitome of the Principal Events Now Attracting Public Interest.

The Ameer of Afghanistan is reported to be dying.

Lord Donevaile died in County Cork, Ireland, of hydrophobia.

A. H. Morris, a well-known theatrical man of St. Louis, suicided.

Three persons were drowned in Lake Superior by the capsizing of a boat.

The Kabbabish tribe defeated the Dervishes in the Cagari country, killing 1300.

Two men were killed and seventeen people injured by a railroad collision near Wheeling, W. Va.

A woman was killed, a boy fatally injured and a dozen people hurt by the fall of an elevator in a New York building

Two brothers, John and Frank Newer, were shot and instantly killed at Apache, Neb., during a quarrel with railroad graders over a keg of beer.

Henry Villard is again a power in Wall street. He is credited with purchasing $6,000,000 of N. P. and O. R. & N. stock. It is rumored that he will secure control of those corporations.

At Paris an oculist named Padrona murdered his wife and two children. He shot Madame Padrona six times in the face, and cut the throats of his two-year-old boy and three-year-old girl.

Charles Cousins, a young man, was found in the cellar of a deserted shanty in San Francisco in a dying condition. He had crawled in there and remained for a week without food or water. He died shortly after removal to the hospital from starvation.

A. Mead, a miner near Tres Piedras, N. M., shot and killed three of his partners and was himself killed by the fourth, (his brother,) after a desperate struggle for the possession of the gun. The trouble grew out of an attempt to swindle Mead out of his property.

An engine on the east-bound Leadville express went through the Beaver creek bridge, Pueblo, Colo., killing Engineer Shaw and two others, one being a tramp. Several were wounded. The accident was due to a large rock falling from the side of the canyon, crushing through the bridge.

Michael Butler, recently discharged from the position as keeper in the insane asylum on Ward's Island, New York, has petitioned the Supreme Court for the release of a number of patients as sane. He declares that of the 1750 inmates no less than 300 are perfectly sane, and that 1000 others are perfectly harmless lunatics.

"Boys, I will be the next man killed on this road," said Trackman James Delaney of the Santa Fé road the other day, when two tramps were mangled. His prediction was realized. Just before nightfall the following day he was caught between tracks on a trestle by two trains, and in attempting to escape fell head foremost on the rail. He was decapitated instantly, while his body was thrown upon the other track and torn into shreds.

At Chadron, Neb., two railroad graders, named Axman and Rogers, attempted to force an entrance into the house of Mrs. Rotts, the wife of a barber of that place. Mrs. Rotts warned them to desist, and not heeding her warning she picked up a pistol lying on the center table and shot the foremost one in the groin. The ball, which was 44-calibre, passed through and hit the other man in the same place. The wounds produced were fatal.

At the Mercer county fair at Princeton, Mo., Randall Blakeslee, a half-breed Indian, made a balloon ascension hanging to a trapeze bar. In the ascent the balloon shot up suddenly, giving Blakeslee a severe wrench, and he was unable to pull himself on the bar, but managed to hold himself up by a loop he had drawn around his wrist. After traveling about a mile and a half and having reached an altitude of 2000 feet, the balloon began the descent; but the poor fellow's strength gave out, and when within 500 feet of the earth his grip relaxed, and he fell to the earth lighting on his feet, his thighs being broken and driven into his body.

Captain Rockwell, of the United States coast and geodetic survey, has made a special report upon Capes Lookout and Meares, on the Oregon coast, as to their relative importance for a light house site. Congress at its last session made an appropriation for a light house at Cape Meares, or some other selected point. At Cape Lookout he reports a very good harbor of refuge in heavy northwest weather. This cape is a rather remarkable promontory of basaltic rock jutting boldly from the general direction of the coast line for one and a half miles to west southwest. The height of this promontory is 450 feet at the leeward face, which is only four or five hundred yards broad. It is covered with spruce and hemlock, and is transversely cut by deep and very rough depressions. The water close under the point of this cape is apparently very deep, as there was no sign of breakers in a large northwest swell. When very violent winds were blowing from the northwest there was smooth water to the leeward of the cape. The southern face of the cape is very steep and rocky, and is nearly a straight line. Small steamers running from Astoria to Nestucca river make use of this anchorage as a refuge under stress of weather. The captain states that as Cape Lookout projects outside the line of Cape Meares, and is nearly half way between the first-class sea coast lighthouses on Tillamook rock and Yaquina heads, it has an important advantage for large coast steamers.

AGRICULTURAL.

Devoted to the Interests of Farmers and Stockmen.

Pasture For Hogs.

He is a wise farmer who provides plenty of pasture for his hogs in summer. The hog is entitled to grass in summer as much so as the cow, and will profit by it equally as well. In his wild or natural state he lives during the entire year upon such food as he can pick up—grass in summer and mast, roots and grubs in winter. But in his domesticated state his choice of food is more limited on account of the less range allowed him, and, therefore, needs something more. Many farmers pay very little attention to what food their hogs get until fattening time, thinking that until then all that is necessary is to give them barely enough to keep them alive, when they are impatient to stuff them with all the corn they will eat. The tendency of a corn diet is to produce fat and to heat the system, and therefore very suitable in winter, or for the final preparation of the animals for market; but young, growing hogs need a more bulky as well as a more cooling and loosening diet in summer, not only the better to preserve their health, but to distend their stomachs and build up bone and muscle to enable them to digest more food and carry more weight of flesh than when confined exclusively to corn.

Of all the cultivated grasses there is, none, probably, (if we may except lucerne), that will produce as much food and of a kind more relished by hogs as clover. But as clover does not come forward very early in the spring, and is more or less liable to suffer from drought, it is better to supplement it by having a permanent lot or two of grass that is less subject to these drawbacks. For this purpose there is nothing to equal lucerne in its capacity to stand dry weather, which makes it especially adapted to our more southern States, where clover cannot be so successfully grown. The next best thing to it is orchard grass, as it starts very early in the spring, bears continuous grazing, stands drouth well and grows till late in the fall, slight frosts not injuring it in the least.

It is highly necessary, too, that a pasture for such animals should contain running water to supply them with fresh water at all times. If not, it should be furnished from a pump or well in troughs or pipes leading to the same. And as hogs are so liable to suffer from heat in the summer, it is of great importance that they should be furnished with shade, whether from spreading trees or a thicket of bushes. Indeed, it is cruel to confine hogs to a pasture in which there is no shade, either natural or artificial, and therefore the most necessary, in the absence of the former, that the latter be supplied by making them temporary shelter of some kind, of which there are none more cheaply or conveniently made than of poles covered with straw until trees are planted to take their place.

But while clover or other grass is the main dependence for hogs in summer, there is another crop not sufficiently appreciated by the generality of farmers, and that is pumpkins. They are very easily raised, and hogs not only thrive on them wonderfully, but they can be fed them from the 1st of October until late in the winter, provided there is a cellar or other suitable place in which to stow them away.

It is generally supposed that alfalfa needs large quantities of water for its successful growth. This is not so. Of course, heavier and more frequent crops can be secured when there is plenty of water for irrigation. But even without that aid there is no plant which will withstand drought and yield heavier crops than alfalfa. On the dry and arid plains of Kansas it can be cut at least three times each season without being irrigated, and this is the general experience where irrigation is not practiced.

Fowls in confinement require a variety of food to prosper. They require a mixture of green food with grain, as much as horses or cattle do. Too much solid food, where there is not proper exercise, tends to fatten. When hens take on fat they usually fall off laying. Yarded fowls do not need the same hearty food as birds at liberty. Light, nutritious and easily digested food is required by fowls in confinement. Never allow them to make whole corn a staple diet. Fresh meat two or three times a week is necessary for fowls in confinement, and in summer especially, when they are deprived of insect food.

A farmer in Greenboro, Md., thinking to change his grade of potatoes, barreled all that he had, shipped them to Baltimore, and ordered a few barrels of extra fine Northern potatoes for seed. While barreling his own tubers he lost his spectacles. When he received his Northern seed potatoes he found his missing spectacles in one of the barrels. Such things destroy confidence.

Keep the hens that molt their feathers early, as they will begin to lay before winter. It requires about three months for hens to molt.

Goats for milk are carefully bred in England, a registry book recording their pedigrees, and only meritorious females used for breeding.

Kittitas county, W. T., expects to have a surplusage of about 2000 tons of hay for export this year.

It is now found by the round-ups that 50 per cent. of all the cattle in Montana died last winter.

On heavy soil a dressing of 100 pounds of gypsum per acre rarely fails to bring good clover.

OREGON NEWS.

Everything of General Interest in a Condensed Form.

A grain elevator is to be built at La Grande.

Watermelons are sold by the gallon in Eugene.

The Baker county fair begins Tuesday, October 11.

The next fireman's tournament will be held in Portland.

A new flouring mill and a hotel are to be erected in Burns.

The hum of the threshing machine is heard throughout the Ochoco valley.

Work on a new Baptist church building will soon begin in Hillsboro.

Nineveh Ford, living on the Milton road, lost forty acres of wheat by fire.

A postal car has been put on the route between Pomeroy and Pendleton.

John A. Waugman has been appointed Postmaster at Dallas, Polk county.

Solomon S. Endicott has been appointed Postmaster at Angora, Coos county.

A parsonage for the Methodist Episcopal minister is being erected at Heppner.

A coroner's jury in Albany recently brought in a verdict of "accident by unavoidable death."

Contracts for construction and material of the new wing to the asylum have been let at Salem.

Edward Croft, of the real estate firm of Croft & Davis, Portland, was thrown from his cart and killed.

Smith & Bowen's saw mill, near Fossil, was destroyed by fire, together with 300,000 feet of lumber.

Wm. Caldwell was shot and instantly killed by Thomas Lemon, in Ladd's Canyon, Union county.

The La Grande Chinamen refuse to pay the washhouse license imposed upon the business by the authorities.

Mrs. Rachel Lilly, the old lady who jumped from an O. R. & N. train near The Dalles, died in the Astoria hospital.

Curtis Perry, aged 16, nephew of County Clerk C. J. Trenchard, of Clatsop, was drowned near Astoria while fishing.

Fire broke out in a livery stable at Lexington, destroying a number of business houses and residences. Insurance light.

Horse dealers are still buying animals and shipping East. Oregon horses still command a high price in Eastern markets.

A brick mason named Michael Carlin fell into the basement of an unfinished building at Portland and sustained fatal injuries.

There are about 700 feet of the embankment of the levee finished and about 300 feet of the riprapping, says the Pendleton *Tribune.*

A new saw mill, capable of cutting 25,000 feet per day, is being erected near Mehama, to supply the line of the Oregon Pacific east of Albany.

The remains of an unknown man were found in the river at Albany. A woodchopper disappeared from Corvallis some weeks ago, and it is supposed the remains are his.

A workman named Wilson on the O. & C. railroad, near Stayton, was struck by a piece of stump blown up up by giant powder, and injured in such a manner that he died in a few minutes.

Several days ago a rattlesnake with seven rattles and a button, and about three feet long, was killed at the Odd Fellows cemetery near Salem. These dangerous reptiles seem to be multiplying in Oregon of late.

C. W. Meek was fatally injured in the Wallowa saw mill by a piece of timber which caught in the edger and was thrown with terrible force against his head, driving a splinter into his brain and fracturing his skull.

Three boys, J. Babbage, R. Prael and Curtis Perry, went duck hunting near Astoria. At the mouth of a creek the boat upset. Curtis Perry was seized with a fit and tried to get to shore, but was almost immediately drowned.

The postoffice at Willamette slough was discontinued by order of the Postoffice Department some time since, but steps are being taken to re-establish the office under the name of Holbrook, that being the name of the railroad station.

Col. H. B. Compson, of Huntington, has been appointed principal teacher of the school on the Klamath agency, and J. W. Brandenbury principal teacher at the Yainax school at the same agency, by the Commissioner of Indian Affairs.

John Strode, a wealthy cattleman of Owyhee county, I. T., and his foreman, John Thurman, have been arrested at Vale, Malhuer county, for the murder of a sheep herder on Sucker creek, a year ago. The alleged murder was exposed by one Haus who worked for Strode at the time. The cattlemen wanted to force the sheep off the ranches.

Three boys, named Jennings, Bishop and Todd, aged about 16 years, living on Hamilton creek, near Lebanon, went out coon hunting, taking a shotgun with them. In a thick patch of brush, it being very dark, Jennings concluded to frighten the Todd boy by telling him a bear was near and likely to attack them. This scared the boy who called for help. The other boy, Wm. Bishop, who had the shotgun, rushed forward, and in the darkness and excitement the gun was discharged, the contents entering the side of the Jennings boy, killing him almost instantly

COAST CULLINGS.

Devoted Principally to Washington Territory and California.

Grangeville, Idaho, is now a money order office.

The elevation of Boise city is 1750 feet above sea level.

Snow is ten feet deep in places on the Granite creek trail, Idaho.

During July 6,663,200 pounds of green fruit were shipped East from Sacramento, Cal.

A Swede namod A. Olsen fell between two scows in San Pedro harbor, and was drowned.

The body of the boy, Albert Stevens, who was drowned in the river near Spokane Falls, has been recovered.

Joseph M. Wilson, colored hostler, was shot by his employer, John H. Penman, at San Francisco, and died.

Chas. Leaman fatally stabbed Wm. Scott at Lakeview, Cal., because he declined to sing "Tim Finnigan's Wake."

The Granite Mountain mine in Montana yields about $65,000 per week, and its mill capacity is about to be doubled.

Valentine Rebard, while bathing at Wilmington, Cal., suddenly disappeared under the water and was drowned.

An old man named Henderson, living near Medical lake, W. T., committed suicide by taking a dose of strychnine.

During a heavy rain and thunder storm at Wilcox, Arizona, Frederick Nealy, a laborer, was struck by lightning and instantly killed.

Adolph Wise, Daniel A. Worth and Harry Ludlum, of San Francisco, went out on the bay in a small boat, which was capsized near Hunter's point, and all three of the men were drowned.

The Northern Pacific will build a line from Bozeman to Butte, Montana, at once. This will shorten the line 100 miles between these places and will become the main line.

Alexander McCabe, who was for many years in charge of E. J. Baldwin's real estate and buildings in San Francisco, was found dead in his bed at the Baldwin Hotel.

The Ellensburg Electric Light, Gas and Telephone Company has been organized with a capital stock of $25,000. The incorporators are Col. A. N. Hamilton, A. S. Gross and G. P. Gregory.

Four men attacked and robbed Mrs. E. M. Munroe and a lady companion at Seattle. The robbers then ran away, and when pursued by the ladies they drew revolvers and fired at them, fortunately doing no harm.

Colonel Balm and wife of Santa Monica, Cal., have been offered, it is said, $6,000,000 for the celebrated Laguna ranche, comprising several thousand acres. The Santa Fe Railroad Company wants the property.

A redwood plank sixteen feet in length, five feet five inches wide and four inches thick has been cut at John Vance's mill, Humboldt bay, Cal., which is to be shipped to Kansas city to be displayed at the exposition there.

Napoleon Miner, of Bonner, Montana, was drowned several miles below Missoula. It is supposed he lost his life in attempting to cross the ford, as his horse was across the river. The deceased had money and checks to the amount of over $400 on his person, and also a gold watch.

The body of a murdered man was found in the rear of Yesler's mill, at Seattle. It was identified as that of John Smith, a Scotchman, who had been employed on the tug Mastic. He had been killed by stabbing, and had evidently been robbed. There is no clue to the perpetrators of the crime.

At Spokane Falls, W. T., a meteor was seen by a number of people to shoot from the heavens directly overhead. It struck the electric wires on the south side of Main street, in the very heart of the city, cutting one of the wires in two and bursting into a thousand fragments. Those who saw the strange phenomenon say that when it struck, the ball of fire looked to be ten feet in diameter. An effort has been made to find some of the pieces, but as the street is covered with mud and water the search has been fruitless.

At Red Bluff, Cal., Mrs. B. H. Mooney was fatally shot by her brother-in-law, John Mooney. The young man, who is 17 years of age, was playing with his two-year-old niece, and while doing so picked up a pistol which was lying near, and began taking the cartridges therefrom. When he thought the pistol was unloaded he pointed it toward Mrs. Mooney, saying to the little one, "I am going to shoot mama." The little child ran toward her mama, and just as she reached her a report rang out and Mrs. Mooney fell. The ball took effect in the back of her neck, close to the jugular vein, and caused paralysis.

A cutting and shooting affray occurred at Olequa, W. T., which resulted in the death of three of the parties engaged. Some were shot and some were cut up so they died in a few minutes. It started over a game of poker. There were six men playing, five half-breeds and one white man, who claimed to be a detective from Cincinnati. One half-breed got to cutting up and the others wanted the detective to arrest him, but he would not submit to arrest and the detective shot him. Then two of these got hold of the detective, and nearly severed his head from his body with knives. Only one man escaped unhurt.

MISCELLANEOUS.

—The loss to the Government from smugglers is estimated at $30,000,000 annually.

—*Life* asks: "What relation is the Queen to the Guelph of Mexico?" We would simply say, nephew mind, neither Pa-na-ma.

—At Bergen, in Norway, is a church constructed of papier-mache, which accommodate one thousand people. The building is octagon in shape.

—So Bilkinson is settling up his debts?" "I hear he is." "He squared things with you, yet?" "No. But I'm a friend of his, you know."—*Town Topics.*

—Miss Gushington (eyes riveted on the cow)—"Isn't she lovely Mr. Callow? Isn't she lovely?" Mr. Callow, (eyes riveted on pretty but impossible milkmaid) "Ya'as."—*Chicago Tribune.*

—Isaac Treadway, a veteran and somewhat noted gambler of St. Louis, has been fined $35 in the police court for attempting to win the regard of a young and handsome married woman.

—There is blood in the eye of the editor of a Rockland (Me.) newspaper when he meets a certain type-setter and will shed it freely. He wrote one of the finest sentences the other morning, and when he read "when mourning purples fill the sky," instead of "when morning purples all the sky," as he had written, he picked up a rock and started for the composing-room, bent on committing murder, but his victim had heard the news and flown.—*Chicago Times.*

—Dull implies slowness, but not deficiency of intellect. Stupid is even more negative, and implies lack of perception resulting from want of intellect. Silly implies deficiency in intellect or foolishness in character, and is applied to words, writings, manners. Foolish is applied to actions, and refers to an abuse of the intellect—to neglect rather than deficiency. We blame a man who is foolish, have contempt for the man who is silly.—*Boston Journal.*

—Danbury, Conn., has a pair of twins that not only look and speak alike exactly alike, but are peculiarly attached to one another. They cannot be separated a single day without pining for each other's society, and now they are both married now. If one is upon one street and the other on a different one they can tell by some electrical affinity whether they are approaching each other or getting farther apart. When one is sick the other is more or less similarly affected.—*N. Y. Sun.*

—Ice in Lake Superior stove a hole in the bow of the steamboat Rosemer. She made thirty-nine inches of water in eight minutes after the accident, and was in imminent danger of sinking, when Second Mate Chamberlain saved her from foundering by a daring act. Taking a pair of blankets he had himself lowered over the bow until he was in the water up to his neck; then, taking the blankets between his feet, he got them down by the hole and the suction drew them in, filling the gap so that the pumps kept the steamer free.—*N. Y. Sun.*

—"Hayseed" beer is the latest beverage sold in the shops in Maine. It is said to be a home made beer brewed from hops, molasses and yeast cake. Some half-dozen places at Portland are selling it, and it is taking the place of the stronger drinks which the legal taboo imposed by the recent last Legislature is driving out. It is asserted that ginger is coming into favor in this section to relieve the parched throat of the inebriate, and that in some places Jamaica ginger and beer are combined.—*Philadelphia Times.*

—The induction balance, which was first called to the aid of surgery during the illness of President Garfield, has now reached the stage of a practical instrument. The description of its latest form is an interesting exposition given by Dr. Girdner, who has used it with success. With the induction balance to locate the bullet and the telephone probe to obtain its exact depth below the skin, there can no longer be any excuse for the death of persons shot from a failure to find the missile. The "balance" will, it is likely, soon be as familiar in the hands of the surgeon as the lancet.—*Electrical World.*