The Oregon Register.

FUBLISHED EVERY FRIDAY AFAYETTE - - OREGON

THE decay of organic matter has been found by Schloesing to begin under the influence of living organisms. Between 100 and 120 degrees, Fahrenheit, this action ceases, and is succeeded by a purely chemical process of slow combustion, which increases rapidly with the temperature.

A NEW method of weather prediction has been discovered by Ch. Montigny, a French physicist. He has observed that the scintillations of stars increase before many storms, indicat ing disturbance of the upper atmosphere hours before the meteorological instruments show any change. The fiercer the storm the more is the strength of the scintillations increased.

In the year which ended on the 31st of last December the population of Australia increased to the extent of 100,911 souls, while Tasmania and New Zealand showed increases of 5,267 and 13,975 respectively. The total population of all Australia is now 3.516.725. The rate of increase for the past year was about 31 per cent.

MRS. GARFIELD has an income of \$25,000, \$5,000 of which comes from the Government in the shape of a pension. Gen. Garfield's estate netted the widow about \$40,000, and in addition she received \$25,000 insurance on his life. Congress gave her \$40,-000, and the popular subscription raised just after Garfield's death amounted to \$312,000.

A WRITER tells of a piece of good fortune coming from the sonambulistic habit. A young woman, treubtel and anxious about a prize for which have the other one, and on July 13 she was going to compete, involving he succeeded in gouging out her rethe writing of an essay, arose from her bed in sleep and wrote a paper upon a subject upon which she had not intended to write when awake, and this essay secured for her the prize.

MRS. SCHAFFER, of Chicago, has lately invented a garbage crematory, built on the plan of a large oven. It is fed from the top, the ashes sifting through iron grates into four-wheel carts so that they may be conveniently hauled away. It is so constructed that all the smoke and smell is carried by pipes into a large smokestack. She has also constructed a machine for washing windows.

THE interinfection of diphtheria between man and various lower animals, from pigeons and fowls to cats, horses and sheep, has been pretty well established by Dr. George Turner, who reports the results of his investigations to the British Local Government Board. He found that the "gapes" in chickens was frequently complicated with diphtheretic mem- murder was most deliberate, Lams of-

TELEGRAPHIC.

AN EPITONE OF THE PRINCIPAL EVENTS NEW ATTRACTING PUBLIC INTEREST.

Four of the finest buildings in Macon, Mo., were destroyed by fire. The loss is over \$100,000; insurance, \$50,000.

The loss by fire at Chattanooga. Tenu., on Aug. 10, was \$400,000, and the loss of life is estimated at ten people, and four badly wounded.

Lee's planing mill and adjoining structures at East Saginaw, Mich., burned. Loss, \$110,000; insurance ight.

Yellow fever has been declared an epidemic at Jacksonville, Fla., and the people are fleeing. The weather is hot and very favorable for a spread of the disease

Duriug a thunder storm Martin Olsen, living on a farm three miles west of Lonsboro, Minn., was killed by lightning, together with two of his children.

The colored porter of a sleeping-car attached to the Union Pacific bound flyer was shot and instantly killed by an insane passenger named Hutchinson Arnold, of Nicholasville, Ky.

Mrs. D. Mazee, toll-gate keeper on the turnpike at Columbus, Ind., was shot and killed in cold blood by a man who rode up to her lodge at midnight Henry Keller, a deputy sheriff, is held for the crime.

Trappers encamped on the Red River near Denison, Texas, report the killing by Indians of a trapper named Meyers, with his wife and two chil-dren July 16, while in camp on the Territory side of the river. Meyers was from Michigan.

A four-story tenement house in avenue A, New York, caught fire. The family of Gustave Beg, consisting of himself, wife, daughter and motherin-law, living on the top floor, were burned to death. The other occu-pants escaped. The financial loss is insignificant.

William Bowan was arraigned at Rockaway, N. Y., charged with having plucked his wife's eyes out. Two years aho he plucked her right eye out, but since then has threatened to maining eye.

Bearden, the negro who shot and fatally wounded Officer Palmer at Springfield, Mo., was captured, but not until his body was filled with lead. He was placed in the Springfield juil, fire was extinguished. He is sup which is now surrounded by a mob of 300 armed men, who threaten to lynch the desperado.

Mrs. George Allen was burned to death at Cleveland, Ohio, by the explosion of a gasoline stove. She rushed from the house and fell upon the pavement, shrieking horribly. Every particle of clothing was burned off but her shoes. Her husband is now a maniac from the shock.

Charles Henry Riedel was hanged at New Castle, Del,, for the murder of his wife and child, on the night of September 16 last. Riedel then turned the weapon on himself and fired two bullets into his head, but they did not penetrate the brain, and he recovered. Poverty and despondency caused the act.

W. G. Lams, a blacksmith, was shot and killed at Danville, Ill., by O. Allen, a notorious character, who had been hired by Dectective Hall to arrest Lams on a charge of assaulting a woman Allen claims was his wife. The ering no resistance to are dignation against Allen may end in A car of stone left the rails near Norway by making an auger-hole about two feet from the ground, in which four or five ounces of sulphate Mapleton, Pa., where a gang of men were building a bridge, and crashed through a light trestle, crushing the workmen into the Juniata river, fifty feet below. Two men were fatally injured, and three are in a dangerous condition. They probably will be crippled for life. Several others were more or less injured. At the Ohio & Wisconsin coal mines, two miles west of Albia, Iowa, Michael Dial, an old miner, killed his son Dick with a shotgun. The son was about 27 years old. The old man is in custody of the sheriff and nearly crazed with grief. It seems that there was a family row, and the father claims he shot his son in self-defense. James P. McLaws, civil engineer, was killed on the line of the coal road of the Southern Pacific Company, between Crocker and Carbonado, Cal. ploded. He was crushed by a falling rock. He was buried in Carbonado. He leaves a wife in Memphis, Tenn. He was aged about 30. A mixed train on the Fairland branch of the Cincinnati, Indianapolis, St. Louis & Chicago road, was thrown from the track near Morganbankment, and every person in the but one or two may die.

COAST CULLINGS.

DEVOTED PRINCIPALLY TO WASHINGTON TERRITORY AND CALIFORNIA.

Jacob Penner was killed by falling out of a wagon at Redding, Cal., when it overturned, breaking his neck."

Frank Taylor, aged 14, son of G. B. Taylor, was drowned while swimming in the Ventura river, near San Buena Ventura, Cal.

Fire in the snow sheds at Cisco, Cal., destroyed 2,000 feet of sheds. By great efforts the station and other property were saved.

A young man named Ryan, a resident of San Francisco, was drowned in the Sacramento river, near Sacramento, Cal. Jack Sheridan, a hod-carrier, fell

rom a horse car at Los Angeles, Cal. The wheels passed over his chest, and he died in a few moments. He leaves a widow and several children.

Corry L. Young, aged 19 years, son of J. S. Young, of San Francisco, was accidently shot and killed while hunting. He was alone at the time. The cause of the accident is unknown.

A boy named Willie Kearney, 7 years old, started across a street in San Francisco, when an ice wagon being driven at a rapid rate, suddenly turned the corner, running over the boy and crushing him to death.

William Tatum, an inmate of the German hospital at San Francisco became violently delirious, and jumped from the third-story window of the hospital, a distance of fifty feet, lighting on his head. Death resulted almost instantly.

Fire broke out in L. Voss's lumber vard at Hunt's hill, six miles from Nevada City, Nev., and 300,000 feet of choice lumber was burned, causing a loss of from \$6,000 to \$10,000. There was small insurance. The fire is, thought to be incendiary .--

Frank Jacobs and Harvey Nesbitt, boys 11 years old, went hunting squirrels near Stockton, Cal., with dogs. While walking over the fields, Jacobs was shot in the right side, the ball entering the stomach. The wound may prove fatal.«

Fire, believed to have been incendiary, at Los Angeles, Cal., destroyed the residence and a barn containing six horses of John Ryan, a saloonkeeper, and a building occupied by Zetta & Isaacs, second-hand dealers. Total loss, \$4,500; partly insured. The charred remains of Patrick Mc-Carthy, a laborer, were found after the posed to have been intoxicated.

A 16-year-old boy named Bartholo-

mew Nyham, employed in the rope works at the Potrero, in San Francis co, was instantly killed. He was engaged in the works when one of the rapidly revolving bobbins was re-leased from its socket and flew through the air with terrific force. It struck the boy upon the back of the neck, dislocating the spinal column and causing instant death.

Oscar Legault killed a negro named Samuel Morris with a blow of his fist, at Truckee, Cal. The killing occurred in a saloon. Morris struck Legault, who had not molested him. Legault struck him with his fist equarely on the bridge of the nose. Pieces of bone were driven into the head, causing deash in one hour. The coroner's jury completely exonerated Legault. Morris had served a term in San Quentin.

about \$14,000 worth of property, con- creased. At the mouth of the Scheldt

AGRICULTURAL. DEVOTED TO THE INTERESTS OF FARMER

AND STOCKMEN, Salting Horses

Some man has simplified the business of salting stock by an ingenious contrivance that is already finding its way to the stalls of livery stables. consists of a metal roller bracket that is put up over the manger and a roll of hard rock salt is cast in shape to fit if. These 'salt rolls are where horses can lick them whenever they feel inclined, and livery stable men who have been using them say they completely answer the purpose in-tended, and do it very economically. Loose salt wastes a great deal in or dinary feeding, but this hard roll never gives way or disappears until it has been used by the stock.

The idea that salt is specially healthful to asparagus is now denied. But potash is an important constituent of this plant, and much of the lighter-soil devoted to its growth is deficient in this mineral. Ashes or some of the German potash salts are indicated as manures for asparagus rather than salt.

There is little nutritive value in the first potatoes that come to market. This tuber at its best is mainly starch, but the unripe potato has not even that. The potatoes whose skin can be rubbed off by the hand show by that fact that they are full of raw juices that need time to be developed in large part into layers of starch.

The choice quality of most of the European potatoes has given them an excellent reputation in this country, especially the variety called the Mag-

num, and the wide outlet and eager demand have made them salable at profitable prices the entire season, except once or twice when the market staggered under enormous receipts.

The tomato is commonly grown in gardens on soils made much too rich. The vine attains remarkable vigor, bu the fruit ripens slowly. If only mod-erately fertile soil were used for growing tomatoes the crop would ripen earlier and be less subject to the rot, the state of the set of t first ripening fruit of some kinds of

tomatoes on any soil.

There is only a profit realized from the orchard when there is a full yield of fine marketable fruit. The markets of fine marketable fruit. The markets an interest in watching the pa are over-stocked with common fruit, and stars, and when she was is while there is a large class of dealers whose customers want fine fruit and who are willing to pay good prices for it. The apple grower must attempt to meet this demand for fine fruit if he would make his orchards pay.

In New York State the grape crop rives promise of being unusually large. Every year the vineyards are receiving better attention from the growers, and what has for years been known as the Hudson River peach district, is fast giving away to the cultivation of grapes. Growers say there is much more money in them, and they require, as a whole, less attention,

Peter Henderson states that a patch of alfalfa about twenty-five feet by one hundred, or only about one-sixteenth part of an acre, used as a soiling crop, near St. Augustine, Fla., furnished feed through the summer months for a cow; and that twice that amount, or about one-eighth of an acre, would be ample to supply a cow with food during the entire season.

It is stated that since the sunflower Fire at Fulton, Cal., destroyed of the Potomac malaria fever has de-

-1s there noth than dry goods an the rivers run only. ere?? Do the clouds the price of wheat? Do -those "equal -pulses rise and fall only t ashore?-Austin Phe

HOW INTELLIGENT W When the question is the best course to safe and agreeable re seases and weakness sex, there is but course of subcourse of self-rea Favorite Preserip specific for periodics ternal inflammatic iers that re

THE MODEL HOTEL OF CISCO-THE BALD

CISCO-THE BALDWE. This magnificent hotel, couldn's of comfort. It is noted for the so of its appointments, and the excella-tist cuisine. Wealth, science and a here combined, to render ented aged with the most diligent watch so this, the most diligent watch so this, the most diligent watch furnished rooms to the bounted furnished rooms to the bound of the Baldwin, makes it convenient those visiting the city either on bas or pleasure.

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Maria Mitchell, the As Miss

A New England bank cashier beginning of the century the was something better for his gift absorption in fashionable society prospecting for an eligible hus so he bought a telescope and ethe tronomical instruments and fitted modest observatory at his home daughter. Maria Mitchell, soos years old she made an accurate n of a lunar eclipse. That was m sixty years ago, and from th until recently her business hal the study of astronomy, ma and observational. From the ap eighteen to thirty-eight she wate brarian of Nantucket, and daring

time her nights were largely gim the telescope. In 1847 she discourse comet and did the remarkable wa establishing its orbit, for which it ceived the gold medal from the I of Danmark. She was the first coverer of seven other cometa when she went to Europe she we honored guest of Sir John Hard Sir George Airv and other far astronomers. When Vassar Co was established in 1865 she was the professor of astronomy. Su not marry because she believed might interfere with her stu astronomy. She is now, at the seventy, still professor at Vasar resignation on account of age has been refused. She has receiv degree of LL D. from three diff institutions, and is regarded with spect by the world of science. of. As a worker in a der science, her life has been u world, and as a teacher she ha inspiration for a profitable like scores of young women. She have been a noble character any conditions, but there is doubt that the foresight of her in giving a bent to her mind is m sible for much of her success J in the case of Darwin, the alm In the case of Darwin, the almost dental opportunity to go so the voyage was the foundation of his work. One of the purposes of a is to give the young mind as eye nity to find the best work but plein that the best work but plain that this purpose is a rule. Boys are forced by stances into something, but girs left to fall into the conve through lack of opportunity to mine on a career. All girls a fitted for astronomy, as, happli, Mitchell was, but most are more serious work than the do, if they were only given s start. - Milwaukee Senti -A little five-year-old who has to Sunday-school for the first th home puffed out with impor what he had learned. " said he, "do you know ab wife?" "A little," she said, me what you know." So fellow told his story very becoming positively dram reached the climax and said, angel of the Lord said unto Lo skate for your life and don't you back, but she did look back a a somersault."-Harper's Base.

TELEGRAPH poles are preserved in lynching. Norway by making an auger-hole of copper in coarse crystals are placed and plugged in. The chemical is gradually absorbed by the wood until its whole outer surface turns of a greenish hue. The sulphate requires an occasional renewal, and is said to be a perfect preservative.

A WILD girl, some twelve or fourteen years old, has been discovered in Catahoula Parish, La., and the people there are anxious to capture without harming her, and see if it is not possible to civilize her. She is thought to be one of two children brought thither by a gypsy tramp woman some years ago, and to have been some years ago, and to have been Mr. McLaws came up on the grade abandoned on account of a club foot just as a heavy blast was being exthat prevented her walking fast.

THERE is no city in the world in which so much black is worn as Paris, writes a correspondent. It is a rule in all large establishments that the saleswomen should be clad in black. Dark colors are made the badge of respectacolors are made the badge of respecta-bility, so that the mother of a family hesitates to engage a teacher or govhesitates to engage a teacher or governess who makes her appearance in car, with one exception, received in-anything that is not drab, black or juries. No one was killed outright, the gallows had it not been discoverness who makes her appearance in

sisting of a brick wine cellar, and its in Holland, it is stated that similar re valued at \$12,000, owned by W. Chiswas valued at \$1,000, and outbuildings the flames wine was substituted. The loss is partially covered by insurance. The origin of the fire is not known.

Manuel J. Silva committed suicide at San Francisco, by cutting his throat with a razor. For some time past he had been suffering from severe illness, and was consequently in a very despondent mood. He aros from his bed and told his wife he was going to the kitchen to get a drink of water. She followed him, drew the water, and while waiting for him to finish drinking, noticed him suddenly totter and fall. When a light was When a light was brought she discove:ed her husband had cut his throat and was dead.

Fritz Anschlag, the condemned Garden Grove murderer, was overheard in the county jail at Les Angeles, Cal., trying to bargain with the other prisoners to procure him strych-The officials of the jail became nine.

suspicious that Anschlag knew of the presence of poison within the prison and instituted a search, which resulted in the discovery of a quantity of strychnine in the empty shell of a cartridge in the cell of Frank Fray, awaiting trial for arson. How poison got into the jail is not known ; but it is thought Anschlag was aware where it was and would have used it to cheat ered.

contents, 35,000 gallons of wine, sults have obtained. The sunflower emits large volumes of water in the holm, of Petaluma. The building form of vapor, and its aromatic odor, as well as the oxygen it exhales, may were valued at \$400. There being no have to do with the sanitary influence available water with which to quench in question.

> The warmer the milk when set, the more complete will be the separation of the cream from the milk at any given lower temperature; and the more rapidly the temperature falls, the more rapidly will be the separation of the cream from the milk. Cream rises best when the temperature is falling; very slowly when the temperature is stationary, and little or not at all when the temperature is rising.

> In germination, heat and moisture are the powers which awaken the germ to action, and no plant food is needed at this stage of the plant's life, except what the seed in itself contains ; but as soon as the plant begins to send out its little rootlets it must have food in abundance, of suitable kind and in suitable shape for its as similation, or it will starve, the same as an animal would if deprived of food.

The folly of pasturing the meadows soon becomes apparent when we compare the difference in yield with those that have not been pastured. The grass on the pastured meadows gets a late start, and the dry weather catches it before it has made near its growth. The soil is packed and robbed of its rightful and natural mulching and fertilizer; and consequently the meadow is impoverished and the grass only makes a half crop.