

Local News.

PERSONAL.

T. D. Humphrey was in town this week.

C. A. Ball of Portland paid the Groves a short visit this week. He has gone up to Wapato to see his daughter and relatives.

The Hog Impregio-Enterprising Youths-Great Excitement in the Grove.

Sunday last the new law took effect and hogs walking around the streets became liable to be impounded. ... On Tuesday three boys discovered a drove of Dr. Geiger's swine grazing complacently without a thought of Credit Moulder Swindles or Salary Grabber, and pounced upon and drove them to Store Harris, city marshal, to have them impounded but he declined that honor and directed them to the Marshall, M. R. Brown. ... They went from their prize like a beautiful dream.

Now the boys propose to collect the bill of the town. It amounts to \$9.50-a pretty good haul. It will be several pounds and other several sticks of candy. ... Now the boys propose to collect the bill of the town. It amounts to \$9.50-a pretty good haul. It will be several pounds and other several sticks of candy. ... Now the boys propose to collect the bill of the town. It amounts to \$9.50-a pretty good haul. It will be several pounds and other several sticks of candy.

"Bee Hive."

The BEE HIVE will give you bargains for a few days in Shirting flannels, Plain and Plaid flannels, Cloths, Cassimers, Waterproofs, Shawls, Skirts, Dress Goods, Prints, Muslins, Canton flannels, Ticks, Men's and Boy's Clothing, Hats, Boots and Shoes, &c. &c. at a very small margin above cost. Now is the time to secure bargains in these goods, as my large stock must be reduced, and as my motto is always SMALL PROFITS AND CASH SALES, you can make some money by testing the truth of this. Respectfully J. B. Matthews.

Forest Grove, Feb. 7th 1874.

Philomathean Entertainment Programme

It is reported that the young ladies of the Philomathean Society will give their first public meeting next Friday evening, 13th inst. In view of this fact, a young gentleman attending school in this place generously offers the following programme:

- Music, "We Are Little Angels,"
Oration, "Human Slavery," by E. S. Essay, "Idea of the Beautiful," A. M. Declaration, "The noble stand on the steamboat deck."
Music, "Three Little Indians," Trio.
Paper, "The Little Rosebud," H. C. Oration, "Joan of Arc," H. M.
Music, Song and Chorus, "Steal away Home."
Benediction, D. H.
Miss X. C. will give around the "Candle" after each act.

ORGANIZE! ORGANIZE! The friends of "Woman Suffrage" are hereby invited to be present at a meeting to be held at the Baptist church in this city on Saturday next (February 7th, 1874.) at half past two o'clock, for the purpose of organizing a County Association. By order of the President of the State Association.

Wm. McCleod. Forest Grove, Feb. 4th, 1874.

MR. SPENCER who keeps store at F. G. station does more business than all the other stores there. He is a polite and friendly man and will always command a good custom wherever he goes, besides he sells cheap and that is an essential in successful store keeping.

BETTER be careful of purchasing of tree peddlers unless they are well known and responsible persons. It would be safer for you to go to a nursery where the proprietor can guarantee his trees and plants to be what they are and that you are getting what you want.

VALENTINES-Dr. Saylor has just received a large supply of valentines and the boys and girls are buying them by the wholesale "He" says the girls have been buying valentines every since Christmas.

FOREST GROVE STATION is trying to locate a flouring mill. Having one whiskey mill with prospects of another we should think that a little bread would be needed with this "intolerable deal of sack."

Mr. Cooper our only jeweler and dentist has removed his office into the building formerly occupied by Peter Harper for a shoe shop, on Elm Avenue east of pine street.

WEATHER-The weather this week has been quite pleasant with the exception of a little rain. The grass is growing and all kinds of stock look well.

SICK. We learn that Mrs. Burlingame widow of Mr. Burlingame lately deceased is lying very ill, caused doubtlessly by the trouble and watching during his illness.

We have failed to notice the new side walk which has been built lately on new street north of the Congregational Church enclosure.

The School at F. G. station has two teachers and seventy five pupils.

The Ben. Holladay Organ at Forest Grove station is doing some right lively grinding for his master this week.

A New Book.

President S. H. Marsh is engaged at his leisure hours in writing a book on Psychology, the subject of long meditation. It will embody his peculiar views on the subject, wherein he will treat of the freedom of the will and take ground against the doctrine of free moral agency as held by psychologists generally. We learn that he is making arrangements with a company in the East to publish his book.

FOREST GROVE DEBATING CLUB.-A friend reports on last Monday evening the discussion by this club was very interesting, and the audience large. Mr. Hubbard president, B. Cornelius and B. F. McMillen were judges. The question was, "That man is a free moral agent." Affirmative, Henderson, S. Hughes, E. P. McCormick, John Goodell; Negative W. N. Goodell, Dr. R. W. L. Ely, Dr. Geiger, S. S. S. and A. L. Johnson. Question decided in favor of the negative. T. D. Humphrey county Judge was present as a spectator. The next question is, "Is that the best interests of the people demand a prohibitory liquor law."

A BAD ROAD.-It would be superfluous to say that a large part of the road from Forest Grove to the station is bad and so we will not say it, but it ought to be fixed another year. The madly part begins at Sam Hughes store and extends about half way through the lane. Henderson and Brown's hacks bring up nice roots on their wheels when going through the mud. The passengers often hear the inhabitants of the feverish land say: "The same you Henderson and Brown."

Subscription. A subscription in money something less than \$20 was raised this week by Jos. McMillen for Mrs. Burlingame. This is a very small sum compared with her needs now that she has a family to support alone and herself sick and devoid of means. We hope that our benevolent citizens will take hold of this matter, move energetically and raise at least a hundred dollars for this unfortunate woman and her fatherless children. It would be bread thrown on the water that would come back again.

NEW MACHINERY.-A. L. Johnson, enterprising Architect and Builder has added a turning lathe to his planing mills and now he is able to do all kinds of turning in the best and latest style. He has engaged Mr. Ward formerly of Salem and as good a turner as there is in the State to work for him. Mr. Johnson proposes to fill the upstairs of his building with new and first class furniture that will defy competition either in quality or price with furniture of that class in the State.

REDUCED RATE.-There is no newspaper on the Pacific that contains more news and current literature than the San Francisco Herald. It contains the latest news from all parts of the world, lectures and general miscellany. The daily edition for one year is \$12. The weekly only \$34 a year the rate having lately been reduced. Office, Cor. Fremont and Montgomery Streets S. F. Cal.

SOCIABLE.-As was announced last Sabbath a large and pleasant social came off at the Congregational church, Tuesday evening, where the people of the Grove had an agreeable time. This sociable according to arrangement was strictly informal and introductions were not necessary to friendly intercourse.

It has been reported by the Oregonian that the last snow was twelve inches deep at the Grove which was not true it being only eight inches.

THERE is a noisy dog in this neighborhood that keeps a sick lady awake night after night with its incessant barking.

RELIGIOUS NOTICES.

At the Congregational church, Rev. E. Walker preaches every Sabbath at 11 A. M. At the Methodist church, Rev. Mr. Wolfe preaches on the first and third Sundays of each month.

At the Baptist church, Rev. Mr. Chandler preaches on the second and fourth Sundays each month.

A man in Iowa was brought before a Justice of the Peace, charged with kissing a young lady, "by force and violence and against her will." The young lady who was very handsome, gave her testimony in a modest, straightforward manner, after which his honor gave the following decision: "The Court in this case sympathizes with the defendant, and will therefore discharge him without fine, imprisonment or reprimand, because the Court, while this case has been in progress, has been obliged to hold on to both arms of his clerk in order to keep from kissing the complainant himself."

During 1873, \$4,493,000 have been given or pledged to American colleges.

Forest Grove Retail Market.

Table with 2 columns: Item and Price. Includes Wheat, Flour, Corn Meal, Potatoes, Onions, Eggs, Butter, Bacon, Cheese, Dried Plums, Sugar, Coffee, Tea, Salmon, Beans, Lard, Mutton, Beef, Pork, Fish, etc.

PROF. CONDON'S LECTURE.

The Professor said: My subject to-day is, COAL.

It is one of a circle of forces linked together and it is a great amount of power in a small compass. In the future some other force, as Electricity may, in a measure, supersede it. Stone Coal is the mainspring of the mechanism of our age. Its formation was not a direct act of creation, the traces of limbs, leaves, and woody fiber trees do not establish this belief. There are to many leaves and seed-pods found in coal beds to support the theory of Prof. Syle, that large rafts of logs coming a great distance helped to make up the coal deposits. The true, theory is: The profuse vegetation of swampy lands was transformed into coal, where it grew. It was first agreed that peat was the starting point for Lignite coal. If for Lignite, why not for other kinds? Peat vegetation is traced through mountains and on hill sides. Peat was the first step, Lignite coal the second, Bituminous the third, and different kinds of Anthracite the fourth and lastly Plumbago, which is, Anthracite with iron and a little red heat and pressure. In the Carboniferous strata is the greatest mass of coal. At that time the poisonous atmosphere which destroyed air-breathing animals favored the profuse growth of vegetation. At earlier periods traces of coal-flakes of graphite, remains of leaves, &c. are found. The coal beds of China are in the Jurassic and Triassic strata. Oregon coal was made in the Tertiary period and it is erroneously called Lignite coal, not having as great pressure as Bituminous or Anthracite, and exhibiting marks of woody fiber.

The Professor burned pieces of English Kannel, Lignite, Anthracite, Nannimo, and Coos Bay coal. Also a piece of petrified Plumbago, which is valuable for gas making.

Coal is found in the greatest quantities on the Atlantic Coast in that layer that stretches from the middle Georgia to the North of Penn. In Kansas the outer rim of this basin. The Northwest coast has coal at Nanaimo, Bellingham bay, Seattle, on the N. P. R. R., in Nehalem, at Tillamook bay, and at Alsea or Coos bay. There may be a layer along the west of Oregon. It is profitable to mine only coal found in large quantities. You may however find many isolated traces of it, but look carefully for indications of wide layer and in an easy place to get it. There will be a lecture, as usual, next week.

OUTS ON THE INS

HILLSBORO Jan 27th 1874. Mr. Editor.-It is asserted that the officers having in charge the levying of taxes for this County, in order to make their prediction come true, (that the indebtedness of the County incurred by building the Court House could be paid without raising the percent on the dollar have attempted to accomplish it by raising the valuation of the property, three hundred and fifty-three thousand two hundred eighty dollars above that of last year, and that on this amount the State is entitled to five and one half mills, or, one thousand nine hundred and forty three dollars and four cents. The complaint is continued and goes on to say that they are willing to give this amount to the State for the privilege of keeping down the feeling manifested in some parts of the County against raising money for Court House purposes, when it could have been raised by special tax for that special purpose, the state having no right to claim any part of it. The question comes up at once; do the figures warrant any one in making such charges? True, nineteen hundred dollars is not much, but if equally distributed would help us in paying taxes rightly assessed.

The Earth A Solid Mass.

LECTURE AT THE MECHANICS INSTITUTE BY PROF. JOSEPH LE CONTE.

The second of the course of scientific lectures before the Mechanics Institute by the Professors of the University of California was delivered on Saturday evening by Professor Joseph Le Conte. The lecturer first asked the forbearance of the hearers. He had an abiding faith that a scientific subject, properly treated before an intelligent audience, would be well received. All the forces at play upon the surface of the earth may be grouped under two kinds-sun-force and earth-force. Under the influence of the sun, heating the earth in different places, the air-currents are produced. It lifts the water from the ocean in the form of vapor, which becomes condensed, and falls in showers upon the earth, and goes back again to the ocean by circulation. All the organic matter upon the earth is created by the sun's rays. The earth-force is exemplified in the formation of continents, volcanoes, and mountains. These two forces have made our globe what it is now. If the igneous force alone operated, the mountains would be growing higher and higher every day; if the atmospheric forces acted alone, they would grow lower and lower until the surface of the earth would be one vast sea. The exterior forces are open to daily observation, and are well understood by the student of natural philosophy, but we find it difficult to trace the laws and the phenomena of the internal earth force to their proper cause. Until very recently it was the general belief that the earth is a ball of incandescent fluid, covered with a shell, far thinner in proportion than the thickness of an egg-shell. All the theories of geology are based entirely upon that idea. There has been, however, in these recent times, which try all things anew and hold fast only to that which is good-gradually growing up, a belief in the substantial solidity of the earth, and a feeling that all geological theories must be constructed again in accordance with it. Nearly all the progress and sound reasoning is in accordance with the new theory, although the old one still has the sanction of many great minds. The great argument in favor of the interior fluidity is two-fold--the one based upon the increasing temperature of the interior of the earth, and the other upon the fiery liquid ejected from volcanoes. The invariable average surface temperature of the earth is about 58 or 60 degrees; the depth of the stratum of invariable temperature at the equator is one foot below the surface; in the polar regions it is 100 feet or more. Thus, it will be seen that at the equator, where the heat of the sun strikes most directly, the stratum of invariable temperature is shallowest. As we go down below the surface, the heat increases in a certain ratio; in some places about one degree for every ninety feet. This difference depends upon the conductivity of the soil. The average increase is about one degree for every fifty-four feet or one hundred degrees for every mile. The conclusions drawn from these facts are, that at a distance of thirty miles below the surface the temperature would be about 3,000 degrees, a heat sufficient to melt the most infusible metals and rocks. Then at twenty-five miles we would find the lower surface of the crust of the earth. Is the shell of our globe so thin? It would be about one thirteenth of an inch on a globe two feet in diameter--merely a thin skin. If there is a shell, it is very many times thicker than it is represented to be. But does this increase of temperature continue as we go down? If we could penetrate two hundred miles we could get the law as well as the fact, but a mile or two below the surface gives us the fact but not the law. The density of the whole mass is five. Then the interior is probably sixteen or twenty. It matters not what may be the cause of that increased density. It may be caused by heavier materials. Increased pressure evidently produces increased density. Under pressure, the heat was to overcome, not only the cohesion, but the pressure, which requires much more heat. At forty miles below the surface we reach the fusing point; there we have a pressure of forty miles of rock, and a temperature of 3,000 degrees. But this temperature, although it would fuse the most obdurate rocks on the surface it is not sufficient to overcome this immense pressure. Then we shall have to go deeper for a higher temperature; but we are still baffled, because the pressure has been increased, and so on ad infinitum. The fusing point ever flies before the increased temperature. The solidity of the earth is proved by astronomical data--the precession of the equinoxes and the tide-generating influences of the sun and moon. In these phenomena the earth acts exactly like a solid body. The calculations made with regard to the tides are based upon the hypothesis that the earth is a solid mass, and they coincide exactly with the observed tides. If the crust of the earth were even 1,000 miles thick, it would yield sufficiently under the combined solicitations of the sun and moon; to make a difference between the calculated and observed tides. But there is not one particle of difference. The ejection of a fiery liquid matter from volcanoes is only a very superficial phenomenon. Even according to the theories of the liquid theorists this molten matter exists in the crust of the earth. It is a local occurrence and may be formed anywhere.

Sheriff's Sale

BY VIRTUE OF A WRIT OF EXECUTION and order of sale issued out of the Circuit Court of the State of Oregon for Washington county, dated Dec. 22nd, 1873, in favor of D. H. Ford and against James and Sarah Carrigo, and to me directed and delivered, commanding me to satisfy the sum of one hundred and thirty dollars, U. S. gold coin, now due on judgment with interest at the rate of 10 per cent. per annum from the 27th day of May, 1873, and the further sum of twenty-two dollars and eighty-five cents costs, out of the following described real estate, to wit: The undivided one-half of the N. W. quarter of Sec. thirty-one (31.) T. one (1) south of range three (3.) West Willamette Meridian, Washington county, Oregon. Therefore, by virtue of said execution and order of sale, I did on the 23rd day of Dec. A. D. 1873, levy upon the above described tract of land and on Saturday the 31st day of Jan. A. D. 1874, at the hour of one o'clock, P. M. of said day, at the Court House door in the town of Hillsboro, Washington county, Oregon, I will sell the above described premises at public auction to the highest bidder, for U. S. gold coin, cash in hand, to satisfy said execution and accruing costs. Witness my hand this 29th day of Dec. 1873. CHAS. T. FOZIER, Sheriff of Washington Co., Ogn. n42 4

Administrator's Notice.

ISAAC BALES, ADMINISTRATOR OF THE Estate of Caleb Antram, deceased, having filed in the County Court of the State of Oregon for Washington county, his final account as such administrator, all persons interested in said Estate are notified hereby that the first Monday in March, 1874, has been set for the hearing of said matter. ISAAC BALES, n42 4w

STRAY CATTLE!!

THREE stray cattle are stopping at the place of W. L. Wagner near Forest Grove. Mr. Wagner wants the owner to take them away, as he is feeding them with his own cattle. One of them is a white cow with a few red spots, right ear cropped, left with an underbit; a red heifer two years old, mixed same as cow; and a six month's bull, red, white and red. n42 1m

MISCELLANEOUS.

HERE IT IS

FJ REST GROVE

LIVERY AND FEED STABLE.



M R BROWN.

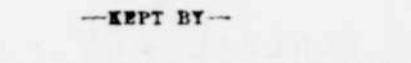
Corner of Pine and Birch.

TURNOUTS IN TOWN today at all hours.

GOOD SADDLE-HORSE ALWAYS ready.

Hack connects with the cars at Corvallis twice a day.

Horses boarded at reasonable rates.



BEE HIVE STORE.

J. B. Matthews, Proprietor.

The greatest and best variety of General Merchandise is kept in the Bee Hive Store of any place in the County. This Store has always been noted for its variety and it always shall be not only noted for the extent of its variety, but for the

Quality of its Goods

AND THE

CHEAPNESS OF ITS PRICES

I sell for CASH, consequently I have no losses to make up off of good customers.

ONE MAN'S MONEY IS AS GOOD AS ANOTHER'S.

All will fare alike in prices, which shall always be THE VERY LOWEST they can be afforded for

For Cash!

New Goods are constantly arriving and

New Goods, Good Goods, CHEAP GOODS, WILL SELL.

I will always keep all the Standard Brands of Goods and by a strict integrity of purpose to deal as I would be dealt by, I now invite you to my Store, which I now christen the

Bee Hive Store.

Remember the place. J. N. Campbell's Old Stand, Forest Grove.

J. B. MATTHEWS.

Forest Grove, Or., Nov. 4th, 1873.

n7 1y

MISCELLANEOUS.

THE SINGER SEWING MACHINE TRIUMPHANT!

When purchasing a Machine Select the most Popular!

New Triumphs!

SALES OF THE LAST YEAR.

THE STATISTICS FROM SWORN RETURNS OF THE SALES OF Sewing Machines in 1872, (reported in 1873), show that the Singer Manufacturing Company sold last year over FORTY-FIVE THOUSAND more machines than ANY other Company, and over one-quarter of all machines sold during that year. Nine out of ten of said Singer Machines were for FAMILY use--proving the great popularity of the Singer in the household.

Table listing sales of different Singer machine models: Singer Manufacturing Co., Wheeler & Wilson Manuf'g Co., etc.

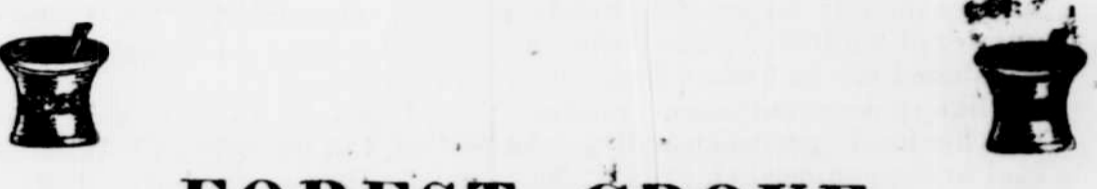
Annexed are the sales of the different makers:

Table listing sales of different Singer machine models: Singer Manufacturing Co., Wheeler & Wilson Manuf'g Co., etc.

SINGER MANUFACTURING COMPANY,

Third Street, PORTLAND, OREGON.

n43 1y



FOREST GROVE DRUG AND BOOK STORE!!

W. H. SAYLOR, PROPRIETOR.

DEALER IN

RUGS, MEDICINES, PERFUMERY, PAINTS, OILS, GLASS, BOOKS &c., &c.

GLASS CUT TO ANY SIZE

Our stock consists in part of PAINT BRUSHES, VARNISH BRUSHES, CLOTH BRUSHES, NAIL BRUSHES, TOOTH BRUSHES, STRIPING BRUSHES.

FINE CUTLERY,

COMBS OF ALL SIZES AND VARIETIES.

RAW OILS, LARD OIL, SWEET OIL, BOILED OILS, CHINA NUT OIL, ETC

School Books, suitable for the Academy or Public School.

All articles warranted. Prescriptions compounded with care and correctness. n43 1y

PACIFIC UNIVERSITY

TUALATIN ACADEMY.

FACULTY:

Rev. S. H. MARSH, D. D., President and Professor of Intellectual and Moral Philosophy.

Rev. HORACE LEMAN, A. M., Professor of Rhetoric and History.

GEORGE H. COLLIER, A. M., Professor of the Natural Sciences.

A. J. ANDERSON, A. M., Professor of Mathematics, Professor of Theory and Art Teaching, and acting Principal of the Academy.

J. W. MARSH, A. M., Professor of Latin and Greek.

Mrs. P. A. SAYLOR, Preceptress.

Rev. THOMAS CONDON, Lecturer on Geology.

Miss O. A. HASKELL, Teacher of Music.

Assistant in Academy. Calendar: The year, in all departments of the Institution, is divided into three terms, beginning on the first Wednesday of September, December and March, and will close at Commencement, on the first Wednesday in June. There will be a vacation of one week, during the Christmas holidays. TUITION: \$45 00 AND \$30 00 A YEAR. n42 1y