JENNINGS LODGE,

Denver and Salt Lake.

Mr. Panishurat, of Presque Isle.

Mr. G. D. Boardman, of Silver partment,

Brigham are enjoying their vacations at the Welch farm near Vancouver,

In bonor of the birthday anniversary of Mr. Charles Redmond about seventy were invited to Cedar Island Park on Saturday evening. A delighted ride over the river was enjoyed. On member of Bellingham, Wash.; (2) "His Friends," by Rachael Birkemeier. huss marked the trail to the pavilion which was prettily decorated and lighted with Chinese lanterns also, Music on the graphaphone and plane was provided for the dancers who tripped the light fantastic toe.

Mr. A. P. Morse and son, Bert, and and Mrs. Clay Morse, of Portland, and Miss Mable Morse, or the Lodge auto-

ed to Wilholt on Sunday.

Rev. Schuknecht and Rev. Lucas
were at the River View Camp Grove during the week making preparations for the annual camp meeting of the Evangelical Association, which convenes from July 29th to Aug. 7th.

Rev. H. N. Smith has returned from

Mr. and Mrs. Browne and daughters. Misses Cora and Irms Browne have returned from Camas, Wash. The Browne family who have occupied the cottage of Mrs. Bruechert for some months, will move to Portland this

Rev. Bergstresser of Portland, was a luncheon guest of Mr. and Mrs. Hugh Roberts on Monday,

Mr. and Mrs. Warner and baby, of Oregon City, visited at the Browne home on Sunday.

An illustrated lecture on White Slavery will be given on the evening of August 7, at the River View Camp Grove. The lantern slides are made from photoes taken in actual detective work by Captain Owen Wiard, of Chi-cago. A silver offering will be taken at the close of the service. Rev. Bergstressor has charge of the lecture. Thursday evening, July 31st has been the time set by the social commit-

tee of the Community Club for an out-door hop, which will be held at Cedar Island Park. Boats at the foot of Jennings Ave will convey all who wish to attend, free of charge. An admission of 10c will be charged to the grounds. And tickets for the dance will be 50 cents. The committee of the grounds will serve refreshments. The social committee of the communclub are Messrs, and Mesdames H. Robinson, Wm. Jacobs and C. P.

As there are so many of the community club members who do dance perhaps some other social af-

of this place.

Mr. and Mrs. Roy Kelly, of Portland were Sunday visitors at the Wm. Ja-

Mr. and Mrs. Kellogg, of North Yakima, are the guests of Rev. H. N. Smith and wife. Mrs. Kellogg and Mrs. Smith being sisters.

Mrs. Arthur, of Olympia, has enjoy-

ed a three weeks visit with her cousin Mrs. McHargue, of this place. The J. H. Batdorf family are enjoy-

ing an outing at Long Beach, Wash., Mr. James Bernard was a weekend visitor at this popular beach re-

Dr. Perkins, wife and family are enjoyings camp life at this place. among us again.

City, doing the work. The annual camp-meeting and con-

ventions of the Evangelical Associa- cay. tion are in session at the River Visw Grove at tis place, and will con tinue till August 7th. At the general daily services will be early prayer ship Congress by Rev. H. R. Geil, Thursday, July 31, Modern Evangel-ism, Its Faults and Virtues, by Rev. Worms not only cause your child E. D. Harnschuh; Friday, August 1st, position of John 15, Rev. H. Schuk-necht. Sunday school will be held on The symptoms disappear and Sanday at 9 A. M. to which all Sun-On August 5 and 6 will be the dates by mail, 25c.

of the Sunday School League program. Kickapoo Indian Medicine Company. "Our Unfinished Task, by E. R. Mar- Philadelpia, Pa.

in, District Superintendent of Amer can S. S. Union, which will be fol-owed by a general discussion. The

day Recreations for Our Sunday School Members," "Reading Material Maine, was the guest of former friends
Mr. and Mrs. C. L. Smith. Mr. Pankhurst and two other friends are touring the Pacific Northwest.

Mrs. Panella Roll, Its Possibiltiles," at 11:30 on Tuesday, August 5; ing the Pacific Northwest.

Mrs. Bruechert and children have returned from Rhodalyn cottage at Sea.

Mrs. Bruechert and children have returned from Rhodalyn cottage at Sea.

Blackoff's subject: Mrs. L. F. Schu macher will speak on "Our Home Department, A School Builder." On Springs, spent Saturday calling on Tuesday afternoon at 1:45 P. M., Mrs. W. Ormsby will have as her sub-

Mrs. Waddell, of Portland, visited at the Harry Robinson home on Saturfay and found her father, Mr. Laing, "Hand Work," by Olive Clark will be doing nicely keeping house for his daughter, Mrs. Robinson, who is visaling in Canada. At present Meedames of the Portland Y. M. C. A., will speak Laing and Robinson are at St. Paol. Laing and Robinson are at St. Paul, on "Giving the Boy a Chance." At S Minn.

P. M. on Tuesday an address on Mod. Minn.

Mr. Gus Herring will leave for Mexico about Aug. 1st. Mr. Herring has large property holdings 300 miles aouth of Mexico City and thinks after ust 6 and 7. The Significance of Sotraveling over the States that it is the most ideal place to live.

Mesdames Sinclaire and Brigham and daughters, Miss Mable and Hazel Brigham are enloying their yacations by Miss Heulah Robins of Portland. Miss Heulah Rohns, of Portland Our Junior Work," by Lowell Brasi-ford, of Lents; "News from the Mis-sion Field," by Miss Iva Wechter, Sa-lem; "The Incoming Nations," Miss

of Milwaukie; (3) "His Pleasures and Recreations," Miss Alba Collins, Wahl. Wash.; (4) "In Business," Miss Aman da Wilke, of Seattle; (5) "His Devo-tions," Emil [felser, of Seattle; (6) "As A Soul Winner," by member of Portland First German; (7) "His Ambitions and Preparations for His Life's work," Rev. J. A. Goode, of Lents.

Mrs. M. Daggert entertained a few of her friends with a launching party from her home on the Willamette at Naef to Oregon City. Mrs. Collins, of Cilcago, Mrs. W. N. Leyman, of Cin-cinnati: Mrs. G. F. McPherson, of Portland, and Mrs. H. H. Emmons Mrs. Harry Lansdowne, and Mrs. William Gregan of the Lodge enjoyed the cruise.

HUMUS IN THE SOIL.

This Valuable Substance Is Due to the Presence of Bacteria.

We find a vast difference in the fertility of different soils, writes C. L. McArthur, assistant becteriologist, Idaho experiment station. For instance, sand, although it may contain all the elements necessary for plant food, is still found barren and without vegetation Garden soils, however, may contain less plant food than the sand and stil be considered very fertile. This difference is usually due to the substance known as humus. Where the humus is present the different elements are present in a form that plants can use 'This humus is the remains of previous plants and animals. When plants die that part which is not used for commercial purposes usually goes back to the soil. In much the same way a great deal of the animal body reaches the soil.

As soon as this material reaches the soil it is attacked by millions of bacteria, which are known as the decomposition bacteria. These bacteria soon cause a great many changes in the material, each change tending to break fair will be planned for August.

Mrs. Chubb and son, Raymond down the complex into the more simof Oakland, Cal., will spend a formight with her sister, Mrs. Alice McFariane is set free in the form of gases and is lost in the atmosphere, but the greatest part remains in the soil as a partly decomposed mass and is known as hu-

> Different classes of bacteria continue their work on this material after it has reached the form of humus, decomposing it still further and building plant food and other substances from it Thus we see that humus is continually changing. It is never the same in two different fields, and it also differs from relief. In all, I have taken less than year to year in the same field

The addition of manure to a field does a great deal toward the formation The of humus. It not only adds decompos-Perkins family are from Portland and ing matter to the soil, but it also adds camped here five years ago and old large numbers of bacteria which form friends are pleased to have them humus out of the material already in the soil Thus we find that if it were Our actool house is receiving a new coat of paint. Mr. Munsey, of Oregon would not be any humus as the various would not be any humus, as the various plant and animal matter would not de-

Mothers! Have Your Children Worms?

Are they feverish, restless, nervous, meeting at 6:30 each morning. Wed-nesday, July 30th, Echoes and Impres-sions of the Second World's Citizen-grind their teeth? Have they cramping pains, irregular and ravenous ap-

Worms not only cause your child suffering, but stunt its mind and Modern Educational Tendencies and Our Attitude Towards Them, by Rev. er" at once. It kil's and removes an J. A. Goode; Saturday, August 2, Exworms, Improve your child's appetite, regulates stomach, liver and bowels. day schools of the conference will nature intended. Huntley Bros. Co., take part. Oregon City, Hubbard and Canbs, or

Provisional President Huerta Embracing Orozco, Former Chieftain of Mexican Revolutionists.



eral Pascual Orozco, bis military adviser. At the left in the picture is shown the ruler who supplanted the slain Madero greeting the former rebel leader Mexican fashion. General Orozco has been called "the man who never No person in the republic of unrest to the south of us wields a greater influence over the native Mexicans. and because of their bitterness over the refusal of the administration at Washington to recognize the Huerta government and the calling home of Ambassador Henry Lane Wilson be loomed up as a commanding figure in a situation ess of which was admirred in dialogantic ric

HELPFUL WORDS

From an Oregon City Citizen.

Is your back lame and painful? Does it ache especially after exer-Is there a soreness in the kidney

These symptoms suggest weak kid

If so there is danger in delay, Weak kidneys get fast weaker. Give your trouble prompt attention Doan's Kidney Pills are for weal.

kidneys. Your neighbors use and recommend

Read this Oregon City testimony. Mrs. Jane Blanchard, 1162 John Adams St., Oregon City, Oregon, says: "I have used Doan's Kidnay Pills for kidney and bladder trouble that autwo boxes of Doan's Kidney Pills, but that amount was enough to convince

me of their merit. For sale by all dealers, Price, 5 cents. Foster-Milburn Co., Buffalo, New York, sole agents for the United

Remember the name-Doan's and ake no other.

The Clock on the Stairs. When is a clock on the stairs dan gerous? When it runs down.

Byron's "First Spring." Byron worked fast. He once told a

publisher that he was like a tiger and if he missed his first spring went "grambling back to his fair." Many of his works were written at fever heat when the first spring did not miss. "The Corsulr" occupied ten days, and two rainy days at Ouchy were sufficient to produce the "Prisoner of child is made happy and healthy, as Chilton" The "Bride of Abydos." Co., though revised afterward, was at first the work of only four nights, and most of his poems, in fact, were impromp-

WIRELESS WAVES

The Electric Voice That Speaks Through the Ether.

SETTING UP THE VIBRATIONS.

This is the Work of the Oscillator. Which Is the Electric Mouth, and Its Message Is Caught by the Resonator, Which is the Ear of the Apparatus.

More truly than any other tele graphic device, the wonderful wire less is a speaking voice. It makes itself beard just as the human voice does by a series of waves moving free-

ly through space. When I speak my voice is sent out in undulations of varying length and frequency through the air. When the wireless "spenks" its voice is conveyed by undulations in the ether, which is a more refined medium than air, carrying the waves of light and electricity as the air carries those of sound.

The oscillator of the wireless is a the ether as our mouths send out undulations in the sir, and the resonator of the wireless is an "ear," catchpinge upon it, as our ears catch the atmospheric waves that strike them.

We see nothing wonderful in vocal sounds, because unture gave us in our needs one instrument to produce them and another to receive them. But she left as to find out for ourselves how to produce and receive "vocal" waves in the ether. Since we had to make the lustruments that deal with them the etheric waves seem to us marvel ous, although they are in principle no more marvelous than the waves of air Man began to use electricity for conrent of it along a wire. He pressed a button at one end of the line, and the electric current passing along the wire induced a corresponding motion in a tapper at the other end. It was a roundabout way of employing an agency which we now know can be em ployed more simply and directly by throwing away the wires and making the the electric waves "speak" straight

through the ether. It is true that the language employed known to man, and so it is the most universal of all languages.

Now, let us see how it is employed. First as to the electric "mouth." When a charge of electricity is accumulated on a "condenser" a similar but opposite charge is induced upon another condenser placed near. The air between them acts as an insulator because it is a poor conductor of electric-But when the charge attains certain degree of intensity the strain upon the air becomes too great, and a spark passes between the two condensers, by which equilibrium is restored between them

The passage of this spark produces. so to speak, a shock in the ether, which, like the explosion of a gun or "mouth," sending out undulations in the utterance of a sound, sets up a series of waves in the surrounding me dium, which radiate away on all sides. These waves in the ether produce the ing the etherial waves as they im- electric "voice." if the sparks are regulated to number and frequency the consequent waves are similarly regulated. An instrument for the production of such waves is called an oscillator or exciter. It is a kind of vocal apparatus for speaking through the ether instead of through the air.

But just as we should have no knowlunregarded if we had no apparatus for receiving them The receiving apparatus is called a

resonator, or detector. It may be sitcillator, but it will catch the waves as they undulate to it through the ether, and it can be made to reproduce them in an audible or legible form by causing them to operate a Morse dot and dash instrument, as in ordinary

telegraphy by wire But the electric voice and the electric car are in some ways more manageable than the human voice and ear. We can only produce and hear air waves of a limited range of frequency, and we cannot do much to alter that

Sound waves vibrating less than forty times a second or more than 40,-000 times are inaudible to us. But electric waves varying in frequency from a few hundred up to hundreds of miltions a second can be rendered perceptible, and it is also possible so to construct the instruments that they will send forth and receive particular ranges of waves and be mute and deaf to others.

Then the distance over which the electric waves can be detected is al-most infinitely greater than that of ordinary sound waves. It takes a strong voiced man to make his voice audible across a little river, but, as everybody knows, the electric cry of a ship in distress can be electrically beard from the middle of the Atlantic orean. And there are enthusiasts who predict that before very long we shall be able to speak by wireless to some other planet, if only there is somebody there to hear and understand us! Garrett P Serviss in Spokane Spokes. man-Review.

There is no act, bowever trivial, but bas its train of consequences, as there is no tair so small but casts its shudow

Heart to Heart Talks

JOHNNY APPLESEED. Johnny Appleseed has been dead six-

ty years and mere, but his work, if not his soul, goes marching on. In a very literal sense Johnny Appleseed planted good seed, and the truit is still growing

It will be well for us all if after we are dead we leave behind so much good as that done by Johnny Apple

He had a hobby It was the grow ing of apple trees. He loved the apple, and he wanted others to know it and love it as much as he did. So he went about the country plant

ing apple seed, and from that he got his name. Many of the apple trees in the middle west are direct descendants of the County Court of Cackamas Count of the trees planted by Johnny Apple ty. Oregon, as Administrator of the seed.

A goodly fruit is the apple.

Johnny Appleseed lived in a time when there was strife between the whites and the Indians. But the red men knew him and his work, and it is hereof or be forever barred. recorded that they never molested him. They considered him a great "medicine

Up and down the land went Johnny Appleared, without thought of reward planting good. He came to his death when going to look after some of his Property. trees which had been damaged by cat-

Why not emulate him?

Not in planting seeds of apple trees for there are men who know more does not consist of the words of any than we do about the fruit. But we spoken tongue, but it is one that can may all set out trees of truth and love be directly translated into any other and kindness and service to our fellow scribed as follows, to wit men that shall grow after we our selves are laid away underneath them. We need not travel up and down the tions 10, 11, 14 and 15, in T 2 S. R. 2 and as Johnny Appleseed did. Each E. of the Wil. Mer. Clackamas Couniand as Johnny Appleseed did. Each in his own community may easily find planting room for the seeds of good. So shall the land be covered with the good fruit that the hungry may eat and be filled, that the weary may taste and be refreshed.

A Matter of Doubt. At a motion picture entertainment in

a local theater one afternoon recently a man said to his wife:

"Poes this place seem cold to you?" "No." realled the wife. "Does it seem cold to you?" "Well, to tell the truth," the man re-

turned "I am not sure whether I am shivering or whether it is the film that is flickering."-Youngstown Telegram.

Suffered Eczema Fifty Years-Now Well, Seems a long time to endure the aw-

ful burning, itching, smarting, skin-dis ase known as "tetter"—another name for Eczema. Seems good to realize, also, that Dr. Hobson's Eczema Ointment has proven a perfect cura.

Mrs. D. L. Kenney writes:—"I can

But just as we should have no knowledge of the passage of sound waves if you for your Dr. Hobson's Eczema Ontment. It has cured my tetter, them, so the electric waves would go which has troubled me for over fifty unregarded if we had no apparatus for Huntley Bros. Co., City, Hubbard and Canby, or by mail, PFEIFFER CHEMICAL CO.

St. Louis, Mo.

Wants, For Sale etc.

WANTED: Experienced housekeep, er, good wages. Mrs. Frank Back

FOR SALE:—Rough and dressed humber, 11 miles from Oregon City, one mile southwest of Clarkes As dress Oregon City Route No. 1, or telephone Beaver Creek Mause, SAGER & CLARK.

Notice to Creditors.

Notice is hereby given that the un-dersigned has been appointed admin-istratrix of the estate of August Ge, hardt, deceased. All persons harag-claims against said estate are herby notified to present the same was proper vouchers, duly verified accord-ing to law, to the undersigned as uninistrative at her residence, therewood, Oregon, R. F. D., No. 1, within six months of the date of the first pub-lication of this notice. Dated, July 11, 1912, GRACE GERRIARDT,

Administratrix of the Estate of Aug-ust Gobbardt, Deceased

NOTICE

At a special election held in Canemah precinct. Clackamas county, Oremon the 14th day of July, 1912, 65 the question of stock running at large in said precinct, and a majority of all the votes cast therat below against stock running. being against stock running a

Therefore, after sixty days from this date, it shall be unlawful for stock to run at large in said precinct, under penalty of ten delians for the first offense and twenty del here for each and every subsequent offense to be recovered from the owner of the stock. Date of this notice July 16th,

W. L. MULVEY. County Clerk Clackamas County, Oregon.

At a special election held in Suan-side precinct, Clackamas county, Oregon, on the 28th day of Jab. 1913, on the question of stock res-ning at large in said precinct, and a majority of all thereat being against stock running at large.

Therefore, after sixty days from this date, it shall be unlawful for this date, it shall be unlawful for

stock to run at large in said precinet, under penalty of ten dollars for the first offense and twenty dellars for each and every subsequent offense to be recovered from the owner of the stock. Date of this notice July 29th,

W. L. MULVEY. County Clerk of Clackamas County, Oregon.

Notice to Creditors.

Notice is hereby given that the an dersigned has been duly appointed by estate of Michael Bachert, deceased, all persons having claims against the estate of said deceased are hereby not-ified to present the same to me or to rney verified as by Law required within six months from date

Dated, August 1st, 1913 FRED BACHERY D. EBY. Attorney for Administrator.

Notice is heroby given that pursuant to an order of the County Court of the State of Oregon, for Cinckamas County, made June 23rd, 1913, and filed same day, the undersigned administrator of the estate of Samantha June Davis, deceased, will sell 30 acres of land belonging to said estate de-

Reginning at a point 6.10 chs. N. and 8.32 chs. W. of the corner of 8sc ty. Oregon, thence South 26.10 chs.; thence East 11.49 chs.; thence North 26.10 chs, and thence West 11.49 chs to the place of beginning containing 30 acres, more or less, said sale to be made on or after the 4th day of Auc est, 1913, at the office of Brownell & Stone, Caufield Building, Oregon City. Oregon, and to be at private sale. JOHN E. DAVIS.

Administrator

DR VAN BRAKLE TO BOOST FOR OREGON AT CONVENTION

Dr. J. A. van Brakle left Wednesday night to attend the National Convention of the American Osteopathic association, held this year in Kirks ville, Missouri. Dr. van Brak'e will attend as nominating delegate from ing in contact with the newest and of his chief activities will be to aid in securing the meeting of this convention in Portland for 1915.

Mexicans Attend Congress

VERA CRUZ, Mexico, July 30 .- A party of ten noted mexican geologists has engaged passage on the Ward Line steamer salling tomorrow for New York. They are going to Toros-Philadeelphia, Pa. gical congress.

MR. HENRY PECK AND HIS FAMILY AFFAIRS By Gross



