



**Protect Your Home
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BUY
CHRISTMAS SEALS**

Portland C. E. to Meet Monday in Davis Bldg.

The regular monthly cabinet meeting of Portland Christian Endeavor union will meet Monday evening, December 9, at 7:45 p. m., at 303 Davis Building, with Miss Edith Tone presiding.

Other coming events are a city-wide rally December 30, at which Dr. Paul C. Brown, general counselor of the state union, will speak and a meeting of the state executive committee here December 28 and 29. The date of the annual skating party has been changed to January 3.

Electromagnetic Induction

Beginning his scientific career as assistant to Sir Humphrey Davy in the Royal Institution, London, in 1813, Michael Faraday won recognition as the most outstanding experimentalist of the Nineteenth century in the field of electricity and magnetism. Most notable of his discoveries was that of electromagnetic induction, namely that a magnetic disturbance can produce an electrical disturbance. At about the same time Joseph Henry, working independently in America, discovered the same principle. To this discovery, the converse of that which Oersted had made, may be traced the invention of the dynamo and the power transformer, which laid the foundation for the electric light and power industry of today. In the field of electrical communication his contributions to progress were hardly less noteworthy. The induction coil and the repeating coil trace their origin to his researches. Without these, many of the communication achievements of recent years would have been impossible.

Human Betterment Foundation

The purpose and activities of the Human Betterment Foundation are to investigate the results and possibilities for human betterment by a safe, conservative application of the discoveries made by science, and to give this information to the public. Its first major problem is to promote the investigation of the possibilities of race betterment. The foundation is not designed to take up original scientific research work.

Bible Course Offered

A course of Bible studies will be given at the Huber Commercial club house commencing Sunday evening, December 16th at 7:45 o'clock. Everyone is invited, especially those who are doubtful about the Bible being an inspired book. Some of the things to be studied are who wrote the Bible, is the Old Testament scripture for our day, how would you prove that Jesus is really "the Messiah" (Christ) that was to come. There will be a song service at 7:15.

There is no charge for these studies, but those desiring may help with the expense of the hall may do so.

zeman, Montana, newly weds, who have been visiting the R. L. Bryans, have rented Mrs. Pointer property on Nebraska street.

Miss Helen Brunson of Maplewood, came home for over Thanksgiving from O. S. C.



To CALIFORNIA and all western points: Leave any day from Dec. 12 to Jan. 1. Be back by midnight, Jan. 14. There's a low roundtrip fare to every S.P. station in the West. Both First Class and Coach-Tourist fares reduced. Plan to make your holiday trip by train; go comfortably, safely, swiftly.

EAST via CALIFORNIA: Special First Class and Tourist roundtrips to eastern cities in effect from Dec. 12 to Jan. 1. Return limit, Jan. 31. Also new low coach and Tourist roundtrips on sale daily all winter with a six-month return limit. Go or return via California, thru San Francisco and Los Angeles.

For fares and details see your local S.P. agent or write J. A. Ormandy, Gen. Pass. Agent, 705 Pacific Bldg., Portland, Oregon.

Southern Pacific

TELLS HOW BANKS AIDED PROGRESS

**Economist Describes the Ways
Banking Institutions Have
Contributed to Development
of United States**

OMAHA, Nebr.—Privately owned banking, despite its faults, has served America well, William A. Irwin, Professor of Economics, Washburn College, Topeka, Kansas, declared in a recent address here on "Banking in a Changing World."

"Under the leadership of individuals banking has helped to bring this country to a foremost place in economic development among the nations of the world," he said. "The small community has been developed by the individual bank. The frontiers of America have been pushed forward by the help and counsel of the individual banker. The shocks of wars and depressions in a century and a half have been withstood with the assistance of the individual banker."

Change May Be Necessary

"It may be that we have reached a tide in the affairs of America when new methods are needed. It may be that we have come to a point where the individual should be submerged for the greatest good of the greatest number."

"It may even be that complete centralization of the banking system has become an economic necessity in our complicated social life. But the banker ought to be satisfied that these things are so before he should give up his fight for the system we have known. We came to greatness under that kind of banking; we must not give it up without unmistakable proof of the absolute necessity of such a change."

The American Pattern

Professor Irwin said that the proposal which has been advanced for coordinating banking operations in the national interest under "a Supreme Court" for banking is typically American and ought to have the most serious consideration of those elements which are clamoring for political control, which is typically un-American. It is not wise, he said, to oppose changes as such, but that bankers should "see to it that change, if and when it does come, shall preserve all that is good in the past and stick as closely as possible to the American pattern of things."

Banking is properly a conservative profession, he pointed out, and should cling to practices and principles of banking that are, and always have been, fundamentally sound.

"It is to its credit that so large a group of its members never faltered, even in boom times, in their allegiance to those sound principles," he declared. "We probably owe our salvation from chaos to that fact."

Cannon First Firearms;

Gunpowder Used in 1300

Gunpowder made its first appearance on the battlefields of Europe in the early 1300s. The first firearms were cannon, two hundred years elapsing before the appearance of guns and pistols. The first mention of a peaceful use of explosives, in mining, did not come until the Seventeenth century, after men had been trying to destroy each other with gunpowder for nearly three hundred years, writes Dr. Thomas M. Beck in the Chicago Tribune.

Ordinary black gunpowder, consisting of saltpeter (potassium nitrate), sulphur, and charcoal, remained the only known explosive until the middle of the last century. Such improvements as were made in it consisted of using purer materials and better mechanical mixing, and not an improved chemical structure.

It had a number of serious defects. Since it contained nonvolatile potassium compounds, it left a solid ash after exploding, which fouled gun barrels and caused a heavy smoke. Moreover, naturally occurring potassium nitrate is not a common mineral. During the Napoleonic wars the supply was inadequate and it was necessary to prepare the material artificially by a highly inefficient method. A patch of vacant land was sprinkled with wood ashes to supply the potassium and then soaked with sewage to supply nitrogen. By means of bacterial action a little potassium nitrate was formed, which was then extracted from the soil by means of water.

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Oklahoman Wins Victory in Rough Struggle Monday

Baby faced Otis Clingman, rolypoly Oklahoma grappler, tamed another grappling villain at the Labor Temple Monday night by tossing Jack Lipscomb, Eastern villain for three falls in a best three-out-of-five fall wrestling marathon.

The victory pleased an enthusiastic capacity crowd of fans. Lipscomb is the lad who stepped in as referee last week to award a match to Al Williams over Clingman, thereby making numerous enemies in the Clingman camp.

It was a furious struggle from the opening bell to the hectic finish, with police compelled to take a hand several times to quell not only the wild matman but excited spectators as well. Monday, December 9th finds Otis Clingman and Al Williams rematched in the main event. Supporting matches include Ben Sherman, Portland boy, and Hobo Chambers in the semi-windup, with Sheikh Ben Ali Mar Allah in a 30 minute match with opponents not as yet selected. Clayton Fisher of Honolulu meets Jack Lipscomb in the one-fall opener.

Race Horse Honored

In Eldridge park, Elmira, N. Y., is a bronze statue of a race horse, the American Girl, a famous trotter that won so many races that her owner challenged the world, but no one accepted the challenge. On October 2, 1875, the American Girl dropped dead in a race, while in the lead. Tense excitement and sympathy were aroused, the race itself forgotten and the crowd pressed across the track to where the favorite lay. From the grandstand could be seen a rainbow, one end apparently just over the body of the horse. The American Girl had died in the harness, as she lived, ahead. The band played a funeral dirge. Soon the Judges' stand was draped in black and subscription started for a monument to be erected above the place where the mare was buried.—Detroit News.

Erin's Old Name

Ireland long bore the name of Granuaile, which is Gaelic for Grace O'Malley, a chieftainess whose headquarters were on Clare island, off the west coast of Ireland. There stood the Tower of Carrigahooly, which she called "the rock of her fleet." She was a wild and successful warrior. Queen Elizabeth admired her and entertained her in the English royal palace.

Letters Written Throughout World

The English write 78 letters per inhabitant per year; United States of America, 67; New Zealand, 66; Switzerland, 59.1; Austria, 38.2; Argentina, 37.2; Luxembourg, 34.9; Holland, 34.1; Belgium, 29.4; Sweden, 26.4; France, 26.2; Norway, 20.5; Italy, Spain and Portugal are among the nations which do not write more than 20 letters per inhabitant.

Mother of the Virgin Mary

Anna or Anne, of Hebrew origin, the same as Hannah, according to tradition was the mother of Mary. Her life and the birth of Mary are recorded in several of the apocryphal gospels. Her festival is kept in the Greek church on July 25 and in the Roman church July 26.

Martinelli Makes First Northwest Appearance here

Giovanni Martinelli, whose position as the world's greatest dramatic tenor is readily admitted throughout the musical world, will make his first appearance in the Pacific Northwest in the Portland public auditorium next Monday night December 11. Martinelli is one of the great names of the opera house. The dramatic power, the singular purity of his voice and the superlative qualities of his musicianship have for years excited the awe and admiration of the world's leading music critics.

The concert Monday night will give Portland music-lovers one of their rare opportunities to enjoy first-rank grand opera, for Martinelli will sing at least four famous arias. Excerpts from La Tosca, L'Africana, Martha and Aida are listed on his program. Tickets for the concert are available at the box office J. K. Gill company, Portland. The concert is under the direction of the Edison-White bureau.

War Formally Declared

Against Five Countries

Only five acts formally declaring the existence of a state of war between the United States and a foreign nation have been passed by congress and approved by the President.

On June 18, 1812, a state of war was declared to exist between the United Kingdom of Great Britain and Ireland and the dependencies thereof, and the United States of America and their territories.

Although the federal government never formally declared war against Mexico, on May 12, 1846, the senate passed and the President approved a house bill providing for the prosecution of the existing war between the United States and the Republic of Mexico.

On April 25, 1898, between the United States and Spain; April 6, 1917, between the United States of America and the Imperial German government; and eight months later, on December 7, 1917, between the United States and the Imperial and royal Austro-Hungarian government.

Of course the United States has been engaged in more than these wars since the adoption of the Constitution. But there were no formal declarations of war with the Barbary states, the numerous Indian wars within our borders, and the other minor conflicts in which the army and navy have taken part. Nor was war formally declared against the Confederate states at the outbreak of the Civil war, that war being regarded by the federal government as a domestic conflict.—Cleveland Plain Dealer.

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TIGARD

Ivan Elsner who broke a bone in his hand recently, had the cast removed this week.

Tigard Lions club have given \$10 toward financing of the annual Portland Children's party at the auditorium December 21.

Tigard P. T. A. are sponsoring a card party at the home of Mrs. George Leslie Wednesday December 18, at 1 p. m. A dessert luncheon will be served. Proceeds are to be used for a tuberculosis test.

A furniture exchange has been opened in the telephone building.

Washington county P. T. A. council will meet at Dilley Tuesday December 10 at 10 a. m.

The new highway is bringing numerous autoists out Tigard way.

The parent teachers association is planning a special Christmas program at their regular meeting December 17 at 8 p. m. in the grade school. This will be guest night and everybody is welcome. Dr. Warner Shaw of Albany college, will talk.

W. M. Evans was a business visitor at Beaverton Tuesday.

Mr. and Mrs. Robert Cole was a Sunday dinner guest of Mr. and Mrs. Walter Van Kleef of Beaverton.

Mrs. Thomas is now employed at the Tigard Postoffice.

Metzger Women's club held a pot luck luncheon at the home of Mrs. W. C. Froman Wednesday.

Metzger ladies are holding a bazaar at the club house Saturday Dec. 6.

The public speaking class of the Tigard high school are presenting a play Friday evening December 13.

RADIO REPAIRS—All makes Radios Repaired. R. C. A., Sylvania Radio Tubes. Zenith Radios. Give us a call for your radio problems. Phone Tigard 42-R, Tigard Radio Service.

ALOHA NEWS

Deibert Marvin, a former pupil in our school, paid us a visit this week. He has been employed in Medford until recently but hopes to enter Benson Polytechnic at mid-year to complete his course there.

A black walnut tree has recently been planted on our grounds. It commemorates the accidental death by drowning of Jack McGregor, who was a pupil of this school. The tree will be known as the Jack McGregor Memorial Tree.

Christmas is in the air. The first grade has a beautiful Babe of Bethlehem sand table and decorated Christmas trees are appearing. The Aloha-Huber school will give a Christmas program Friday eve, December 20th at the grange hall. The first four grades will give an operetta called "The Lost Dolls". Other grades will assist with various numbers.

Our enrollment is returning to normal after having a siege of measles.

Citizens of Aloha are still talking of a mysterious person who missed a lovely Thanksgiving dinner. Even if they had been present they could not have eaten; or seen what they were eating—for someone left a nice set of false teeth and a pair of glasses all wrapped up in a cloth on a counter in one of the stores Wednesday before Thanksgiving. Many theories have been advanced. Did the party lay the package down and then forget all about it—or did someone play a joke on a friend? Or was it lost deliberately so that a hungry boy or girl could eat up all the turkey. Who is the owner? Meanwhile the package is at Dr. Huntington's office waiting for the owner.

Aloha-Huber Parent Teacher association are sponsoring a cafeteria at the school Friday, December 6 at noon for the purpose of raising funds for the recreation rooms equipment.

The organization will meet Wednesday, December 11 at 2 p. m.

Mr. and Mrs. O. B. Bennett have built a neat office building and fruit stand in Aloha, and are offering se-

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