

Society and Clubs

By LOTUS KNIGHT PORTER

SUNSHINE CLUB HAS MEETING AND LUNCHEON

The Northside Sunshine Club enjoyed a delicious potluck luncheon Thursday at the home of Mrs. W. O. Patterson in Laurelwood. After the luncheon, a short program was given including a play entitled, "The Last Resort," by Mrs. Pendergrass and Mrs. Clara Stewig; reading by Mrs. Mary Hall; short story by Mrs. E. E. Emmitt and a reading by Mrs. Mabel Patterson. The business meeting was conducted by Mrs. Hall in the absence of Miss Paul.

A contest was held with Mrs. Clara Stewig winning the prize. The door prize was awarded to Mrs. Mae Hirt and the bingo prize went to Mrs. Mary Prineen. Those attending were Ruth Kines, Mrs. Schroeder and Mrs. Von Peal (the latter has been visiting here with her niece and sister, Mrs. Stewig and Mrs. Ospald); Mrs. Eva St. Onge, Mrs. Margaret Pendergrass, Mrs. Clara Stewig, Mrs. Mary Hall, Mrs. Mae Hirt, Mrs. Eunice Sory, Mrs. E. E. Emmitt, Mrs. Lucia Ingles, Mrs. Mary Prineen, Miss Bernadine Prineen and the hostess, Mrs. Patterson.

The club will meet June 12 at the home of Mrs. Margaret Pendergrass at 727 Fessler street.

PATCH AND CHAT CLUB TO MEET

The Patch and Chat Club will meet Wednesday evening at the home of Mrs. E. H. Verrell. All members are urged to be present.

The last meeting of the club was enjoyed at the home of Mrs. E. G. Trozelle. Mrs. Stanley Renau was a guest and members enjoying the occasion with Mrs. Trozelle included: Mrs. C. J. Bradley, Mrs. Jack Boor, Mrs. E. R. Buckingham, Mrs. Curtis Calkins, Mrs. Darley War, Mrs. Gordon Ware, Mrs. D. W. Keasey, Mrs. C. R. Bartlett, Mrs. Thomas Findlay and Mrs. C. Domenico. Following the social hour, Mrs. Trozelle served delicious refreshments.

METHODIST UNITS TO MEET THURSDAY

Unit, No. 1, of the Methodist Church will meet at a noon potluck picnic luncheon Thursday at the home of Mrs. Hugh Harrison. Unit, No. 2, will meet at two o'clock at the home of Mrs. William C. Woods. Unit, No. 3, will meet at the same time at the home of Miss Jennie E. Jorey on Military Street and Unit, No. 4, will meet at two o'clock at the home of Mrs. George K. Quine.

ELGAROSE COMFORT CLUB TO MEET THURSDAY

The Elgarose Comfort Club will meet Thursday afternoon, June 5, at the home of Mrs. Nettie Woodruff. All members and friends are most cordially invited.

CLEANUP DAY TO BE HELD AT CLUBHOUSE

The Garden Valley Women's Club will hold the annual cleanup day of the clubhouse and grounds Thursday beginning at 10 A. M. Those attending are asked to bring a sack lunch.

DAYS CREEK WOMEN'S CLUB TO MEET THURSDAY

The Days Creek Women's Club will meet Thursday afternoon at the home of Mrs. Emily Ferguson. All members are urged to be present.

ROTARY ANNS TO MEET AT LUNCHEON THURSDAY

The Rotary Anns will meet Thursday at a noon no-hostess luncheon at the Rainbow Grill at twelve o'clock. All members are urged to be present.

DILLARD W. S. OF C. S. TO MEET THURSDAY

The Dillard Woman's Society of Christian Service will meet Thursday at a noon luncheon at the home of Mrs. Mona Hult. All members and friends are invited.

TWELVE AND WON CLUB IS ENTERTAINED

Mrs. Eugene Prineen entertained the Twelve and Won Club Tuesday at a delicious luncheon at her home on Chadwick street. Roses decorated the table and rooms. The hostess was assisted in serving by her daughter, Miss Bernadine, and by Mrs. E. Kenneth Jones and Mrs. W. O. Patterson.

The hostess was surprised with a lovely birthday gift from the club. A social hour was held and Mrs. W. O. Patterson won the guest prize and Mrs. W. O. Patterson the high prize with Mrs. B. Hargis receiving the second prize. Those present were Mrs. W. O. Patterson and Mrs. E. E. Emmitt, guests, Mrs. M. Sory, Mrs. B. Hargis, Mrs. E. Kenneth Jones, Mrs. Fred Ritzman, Mrs. Fred Hargis, Mrs. W. West, Miss Bernadine Prineen and the hostess, Mrs. Eugene Prineen.

WOMEN'S VOTER LEAGUE TO MEET

The Oregon Women's Voter League of Roseburg will meet at two o'clock Wednesday, June 4, at the Episcopal parish house on East Cass street with Mrs. Alvin Helgeson, president, in charge. Paul S. Elliott, superintendent of the Roseburg schools, will talk on the school budget. Reports will be made by delegates attending the state convention recently at Medford. All women of Douglas County are invited to attend the meeting.

The regular executive board meeting of the group will be held at one o'clock at the parish house preceding the membership session.

AUXILIARY TO INSTALL OFFICERS

The Eagles Auxiliary will hold installation of new officers at eight o'clock Tuesday evening at the Eagles hall. All members are requested to be present.

The Auxiliary and Eagles held an enjoyable oyster supper and social meeting last Tuesday at the hall, which was attended by a large number of members.

COUNTRY CLUB WOMEN TO MEET THURSDAY

Women of the Roseburg Country Club will meet Thursday at the club with the first flighters teeing off at 8:30 o'clock. Second and third flighters will follow. At 12:30 o'clock luncheon will be served at the clubhouse and the weekly contract bridge play will begin at 1:30 o'clock.

EASTERN STAR TO MEET THURSDAY

Roseburg Chapter of Eastern Star will meet Thursday night at the Masonic temple at eight o'clock with Mrs. J. P. Motschenbacher, worthy matron, presiding. Members and visiting members are invited.

The average Negro man in the United States lives twenty-three and one-half years longer than was the case in 1900 and the average Negro woman twenty-four and one-half years longer.

NOTICE OF SCHOOL ELECTION UPON QUESTION OF INCREASING TAX LEVY AND AMOUNT LIMITED BY SECTION 11, ARTICLE XI, STATE CONSTITUTION. Notice is hereby given that an election will be held in Non-High School District of Douglas County, State of Oregon, at Non-High School District Schoolhouses in said school district, on June 10, 1947, for the purpose of submitting to the voters of said district the question of increasing the tax levy for the year 1947 over the amount limited by section 11, article XI, of the Constitution of Oregon.

The reasons for increasing such levy are: The tax base is so low it is not possible to pay tuition and transportation of pupils to high school. The amount of tax, in excess of the 1% limitation, proposed to be levied for said year is \$33,000.10.

Dated this 26th day of May, 1947. LULA C. GORRELL, District Clerk. MISS JOHN BACON, Chairman Board of Directors

Development of Titanium Holds High Possibility

By VERN HAUGLAND

WASHINGTON — The U. S. Bureau of Mines is about to give its fatherly attention to that promising infant, titanium.

"A metal with the qualities that titanium has in the pure state is rare," says O. C. Ralston, assistant chief of the bureau's metallurgical branch. "It is a much better starling point for commercial development than were aluminum or magnesium."

"Of the metals that are stable in air, so that they can be used for fabrication, it is the fourth most plentiful, led only by aluminum, iron and magnesium."

"The chief difficulty lies in its extraction. It is a wonderful metal, but it is more difficult to extract than is aluminum and probably will cost more."

Extractive metallurgy, the chemical part of the production of titanium powder, is done at Boulder City. The bureau has a crew and equipment at Salt Lake City for the physical metallurgy—the finishing of the crude titanium.

After four years of development, the extractive plant now produces 100 pounds of titanium a day. Frequent changes in experimental techniques prevent anything near that amount of daily production, however, Ralston says, and "if appropriation cuts do not slow us down, it will take another five years at the pace we have been going to produce titanium commercially."

Lighter Than Steel. Finished ductile titanium looks like stainless steel, but it is not so heavy. It has great strength and flexibility and has a "modulus of elasticity" of 15,000,000 pounds per square inch, compared with 10,000,000 for stainless steel. Modulus of elasticity measures the point beyond which a bent rod of metal doesn't return to its former shape but remains bent.

"On a weight basis titanium is at least twice as strong as stainless steel, and its resistance to corrosive conditions is in the class of stainless steel," Ralston says.

The metal is twice as heavy and four times as strong, per square inch, as magnesium, and it does not form enlarged crystals at freezing as magnesium does. It is common over wide areas—in beach sands in Florida, solid rock in the Adirondack mountains and Virginia, in rock formations of upper Minnesota, in placer sands of Idaho, Oregon and California, in Texas sands of the Rio Grande—particularly in the Boca Chica section.

Titanium in the non-ductile form was \$15 a pound a few years ago, fell to \$10 and now is about \$5 a pound. Aluminum, which formerly sold commercially at \$5 a

pound, has been reduced to 15 cents a pound. Cost Factor Watched. "If titanium is brought down to about 50 cents a pound it will compete with magnesium on nearly all counts—but we may not see that day for a long time," says Ralston.

One use already developed for non-ductile titanium is in combination with lead and zirconium as a sparking metal 10 times hotter than the alloys normally used in cigarette lighters.

One of the biggest manufacturers last April began putting this combination instead of ordinary flints into its lighters, Ralston says.

It wears faster but gives a hotter, surer flame. It soon may be extruded in the plastic state, doing away with the expensive casting process.

"It's been over 100 years since man began mixing carbon with iron to make steel commercially, and there's still a lot we don't know about steel capabilities," Ralston says.

"The field of alloyed titanium is unexplored. With so many excellent qualities at the very start, titanium provides great promise for the future."

Snell Appoints Four to Newly-Created Board

SALEM, Ore., June 3.—(AP)—Governor Snell yesterday appointed Joseph Pearey and David Turledove, both of Portland, and Al Cranmer and Loring Crier, both of Salem, to the State Collection Agency's advisory board.

State Real Estate Commissioner Claude H. Murphy will be chairman of the board, which was created by the recent legislature.

All alcoholic beverages fall into two general types, wine, in which the alcohol is created directly from sugar, and beer in which the alcohol is produced from sugar by the addition of starches.

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'Natural' Farming Urged by Opponent Of Use of Plow

By HOWARD W. BLAKESLEE

Associated Press Science Editor
NEW YORK — The finest conceivable vegetables, grains, fruits and meats at costs everybody will be able to pay are forecast by Edward H. Faulkner, of Elyria, Ohio, in a new book, "A Second Look," (University of Oklahoma Press).

This farm utopia is based on a change in agricultural practices which Faulkner says will relieve farmers of fertilizers, lime, legumes for crop rotation and the equipment and materials for pest campaigns.

Faulkner's revolutionary ideas were first advanced in 1943 in a book "Folkman's Folly," that declared present practices of deep plowing was ruining American farm soil. The book caused many practical farmers to make some changes, drew a lot of criticism, and "A Second Look" is the sequel.

Faulkner is a farmer who has been a county agent in agriculture and a soil and crop investigator for many years. Foods Taste Poorer. Even the taste of much present

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day farm food has deteriorated, he asserts. "We have succeeded," he writes, "in keeping crop yields high enough to withhold our population from the grave, but the quality of our farm products has not been high enough to keep most of our people out of dentists' and doctors' offices."

He claims that improper agricultural practices, including too deep plowing, have been responsible for much erosion, for ground falling to hold rain water in some places while becoming too soggy in others, for depletion of essential food elements, and for insect and plant diseases which he says would largely disappear in crops grown on really fertile soil.

Let Nature Do Work
This fertility, he declares, can be had by use of mulches in place of commercial fertilizers, and some changes in planting practices. Then soil would be built the same as nature made it, with the aid of many organic acids of

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decay that would extract fertilizer essentials from the minerals already present in the earth. This, he says, would be a long-range plan, but a practical one that would reduce farm costs. The big point, he says, is to regain the biological activity of soil, and he holds that when properly handled the earth itself, with what it grows, is completely self-sufficient.

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