

OREGON IN YEAR MAINTAINS 4214 MILES OF ROADS

SALEM, Ore. (AP)—Oregon in 1933 maintained 4214 miles of state highways for less money than was required to keep 2574 miles in condition during 1925, the annual report of maintenance operations issued by R. H. Baldock, chief engineer, showed.

That the per mile cost of maintenance was reduced from \$794.49 in 1925 to \$399.85 in 1933, a reduction of nearly 50 per cent, while at the same time standards of maintenance were drastically increased.

That a total saving of \$5,300,000 was accomplished in maintenance expenditures in the five-year period from 1928 to 1933, inclusive, without taking into consideration the economies affected by largely eliminating the excessive cost of renewing gravel surfacing on heavily traveled roads.

That the percentage of gravel roads in the state highway system has been reduced from 69 per cent in 1925 to 25 per cent in 1933, while the mileage of oiled macadam has increased from 10 per cent to 47 per cent in the same period.

The savings listed represent only the retrenchment in expenditures for maintenance made from license fees, gasoline taxes and other revenues collected by the state directly from the operators of private and commercial motor vehicles; they take into consideration none of the economies incident to cheaper automobile operation over smoother, dustless roads—savings in gasoline, oil, tires and general depreciation due to wear and tear.

While important economies have been effected in the cost of maintenance through reductions in salaries and personnel, shop retrenchment, standardization of equipment and the lengthening of patrol districts, developments of more efficient types of oiled macadam surfaces and the greatly extended use of this type is chiefly responsible for the savings, the report showed.

Principal credit for the economies due to oiled road surfacing go to Baldock, who as maintenance engineer for the department and later chief engineer was largely responsible for development in Oregon of this type of paving through extended experimentation and research. The types developed in this state have been widely copied and standardized throughout the country. He gives full credit, however, to the members of the highway commission and his engineering associates who have cooperated in development of the idea.

Analysis of maintenance costs past and present reveal that development of oiled roads and their extended use has been a vital factor in enabling Oregon to keep its highway budget balanced, and alone have permitted reductions in automobile license fees. Had maintenance costs continued to mount with extension of the highway system as they did between 1917 and 1928 Oregon would long ago have been in default upon its road bond obligations, new construction out of state funds and might have ceased entirely and necessary reconstruction and improvement seriously impaired.

In 1928, when experimentation with oiled surfaces really began, it was costing the state an average of \$887 a year to maintain each of the 2574 miles of road on the state system, only one-third of which was surfaced with asphaltic or Portland cement concrete. Graveled roads were disintegrating rapidly under increased travel and the expense of resurfacing was eating more heavily each year into available revenues.

By 1928 this per mile cost had mounted to \$706 and aggregated \$2,060,788 for the year, more than 30 per cent of all revenues for that year.

In 1933 maintenance costs had been cut to a fraction over 20 per cent of total state revenues for the year, notwithstanding an increase of 25.2 per cent in the mileage of roads maintained.

The effects of oiled surface roads in reducing maintenance first commenced to show definite results in 1929 when the per mile cost showed a reduction of \$57 over the previous year, resulting from accumulated benefits of a progressively changed mileage of oiled highways jumped to 32.7 per cent in 1929, 37.1 per cent in 1930, 42.3 per cent in 1931, and a high ratio of 49.9 per cent in 1931.

Purchasing Power Of Housewife Is Gaining, Report

NEW YORK, Jan. 20 — The purchasing power of the American housewife has been restored to within 25 per cent of the 1923 levels, a survey in which 7,000 women in New York, Philadelphia, Pittsburgh and Milwaukee were interviewed, indicated Sunday.

Women, spending 82 per cent of all money going into retail channels in these four cities are also showing a preference for higher quality merchandise, according to J. Leonard Houser, an associate, who conducted the survey.

Other trends disclosed in the interviews were a demand for moderate priced merchandise and a decided preference for products which are advertised persistently in magazines and newspapers.

GERMANY BUILDS STATUE TO SHORT HAIR HEROINE

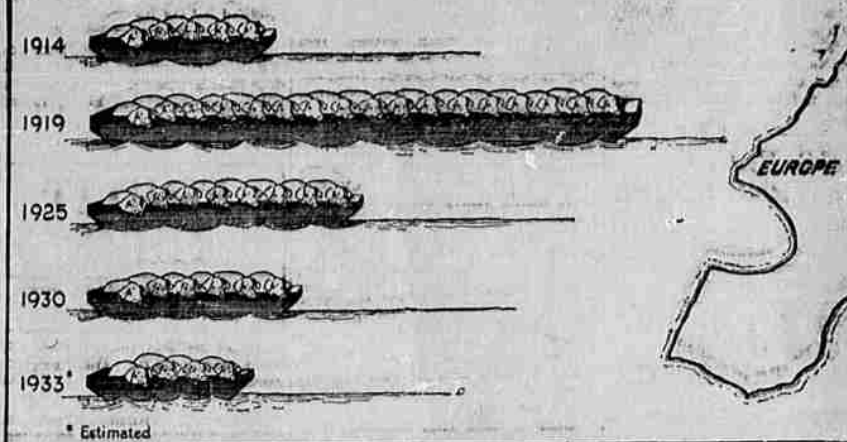
BAITENSTEIN, Germany (AP)—Ferdinand von Schmettau, who lived a hundred years ago, was the first German girl with bobbed hair, so this city has erected a monument to her. Not fashion but war induced her to cut her long braids. In 1813 the then 15 year-old Ferdinand sold her blonde plaits and contributed the \$4 she received to help the "war of liberation" against Napoleon I.

At the celebration of the 50th anniversary in 1863 of the establishment of the Iron Cross she was the guest of the King and Queen of Prussia.

Bill O'Donnell, Kansas City amateur bowler, recently rolled his third 300 game. He also has a 299 to his credit.

UNITED STATES EXPORTS OF HOG PRODUCTS

(Each hog represents 1,000,000 head.)



THE accompanying graph constitutes a vivid explanation of one reason why the prices for corn and hogs have been so low the last few years. The main reason is the severe decline in the export demand for United States hog products since the 1919 peak.

In 1910-14, European nations took the equivalent of nearly six million hogs. This was only a moderate export level, but the total United States hog production at that time was in good balance with the combined domestic and foreign demand.

Under the stimulus of the World War, foreign purchases of our hog products jumped to the equivalent of about seventeen million hogs. But since the war, our exports have dropped back again to the equivalent of about four million hogs. This decline has been due to a rapid restoration of hog production in European countries since the war, particularly in Germany and Denmark, and more recently because of tariffs and of quotas which limit the quantity of imports.

United States has continued to increase at about the same rate as the population. Consequently, the products no longer shipped abroad, have become excess products on the home market and have driven down hog prices. Some adjustment to this changed demand must be made if hog prices are to be raised to a more favorable level. The corn-hog production-control program, now being offered by the Agricultural Adjustment Administration, will help farmers bring about this necessary better balance.

Over The Valley Personals

Given Surprise

W. G. Neville, one of the valley's oldest pioneers, who has been making an extended stay in this locality, was given a most successful surprise Saturday evening at the home of Mr. and Mrs. H. H. McGoldrick near Imbler, as on that day he passed his 80th birthday. The evening was most happily spent and later the refreshments which the guests brought were supplemented by those of the hostess.

Quitting Party

A group of women from the Sumnerville and Dry Creek communities enjoyed an all day quilting party Tuesday at the home of Mrs. Albert Norman in Dry Creek. The women who gathered together in the morning spent a day over the quilting frames, visiting all the while and had a potluck dinner at noon. Present were Mrs. Charles Bault, Mrs. Wallace Wostenakow, Mrs. Ora Rhodes, Miss Alice Black, Mrs. Emma Burnaugh, Mrs. Art Behrens, Mrs. Dave Sanderson, Mrs. George Craig, Mrs. B. S. Sear, Mrs. Wayne Park, Mrs. John Cantrell, Mrs. W. F. Brock, Mrs. J. J. Wagoner, Mrs. Albert Norman, Mrs. S. J. Fisher, of La Grande and Mrs. A. P. Ingram, of Pine Cone.

Has Scarlet Fever

Word has been received here that Miss LaVelle Richey, daughter of Mr. and Mrs. G. M. Richey, of near La Grande, is ill of scarlet fever. Miss Richey is taking nursing training in Emanuel hospital in Portland.

Given Surprise

Mrs. Tom Wallinger, of the Valeria district, was the victim of a most enjoyable surprise, perpetrated on her Sunday evening by a number of her relatives who desired to properly celebrate her birthday anniversary. The evening was devoted to various games, visiting and refreshments which the self-invited guests brought with them. Present were—Mr. and Mrs. Everett Wallinger and Virgil, Miss Bertha Wallinger, Mrs. Martha Jane Moss, Mr. and Mrs. Ray Fuller and son, Dick, Mr. and Mrs. Irwin Moss and daughter, Jodie, Mr. and Mrs. Will Adler and daughter, Miss Margaret Taylor, Mr. and Mrs. Harry Wells and Violet, Charles Playle, Miss Mary Taylor, Miss Hazel Crawford, Miss Lydia Hugg, Mr. and Mrs. Tom Wallinger, Tom and Harold.

To California

Mr. and Mrs. Bud Willett, of La Grande, have gone to Tracy, Cal., to visit with her parents, Mr. and Mrs. Frank McKinis, and with his grandparents, who reside in Southern California also.

Island Luncheon

Thursday was the day for the third of the series of luncheons which the women of the aid of the Island City Community church are giving through the winter months. The luncheon was held at the home of Mrs. Emma Blackland, the committee—Mrs. J. M. Bowers, Mrs. Blackland, Mrs. John Dinkins, Mrs. Joe Perry, Mrs. C. B. Morgan, assisted by Mrs. I. Shafer and Mrs. Lee Smith, serving about 75 people. During the afternoon the regular business meeting of the aid was held with 15 members present. Mrs. Dee Davis presided over the business meeting, and Mrs. Betty Neiland served as chairman. The remainder of the afternoon was spent sewing. The next meeting will be held at the home of Mrs. Briggs in Island City.

Mr. and Mrs. A. L. Becker, of the Peony district, have had as their house guests Mr. and Mrs. Jerry Troy, of Baker. Mr. Troy and Mrs. Becker are brother and sister.

Club Meets

The Imbler Women's club were entertained Wednesday afternoon by Mrs. Wilford Westenskow, with a good attendance of the members of the organization. Mrs. Charles Keenan had charge of the program which had to do with "Norway" and which was ex-

Student Slayer of Premier Duca



Nicholas Constantinescu, the Bucharest University student who assassinated Rumania's Premier Ion Duca, is pictured in custody immediately after he had fired the fatal shots at the Sinalia railway station. The youthful assassin, a Fascist and anti-Semitic organization, which the late Premier sought to suppress.

ceedingly interesting. The next meeting in two weeks will be at the home of Mrs. Milo Pratt with Mrs. Westenskow having the program in charge.

Entertain—Mrs. Ray Fuller and Mrs. Martha Jane Moss entertained a company of about 18 or 20 friends Thursday afternoon at the Puller home on Lower Cove, complimenting Mrs. Franklyn Wells of the same neighborhood, for whom a lovely shower was given during the afternoon. The major part of the afternoon was devoted to a

most interesting contest on which each one presents worked diligently as well as happily. Mrs. Harry Wells contributed a number of guitar solos during the afternoon. The hostesses were assisted by Mrs. Everett Wallinger when they served a lovely tray lunch.

FEW COLLEGES SHOW INCREASE

COLUMBUS, O. (AP)—Only two of Ohio's 26 colleges and universities showed enrollment increases for both men and women this year, but four registered increases in co-eds and two others recorded higher enrollments of men. Ohio State university here has the largest total enrollment, 9448 with the University of Cincinnati second with 8887.

Tree Blight Blesses Lisbon Poor

LISBON (AP)—The poor here have reason to bless a blight which destroyed most of the city's shade trees for the municipal council has ordered orange trees as replacement, the fruit to be given to the needy while the new trees will symbolize Portugal's agriculture.

BETWEEN THREE FIRES

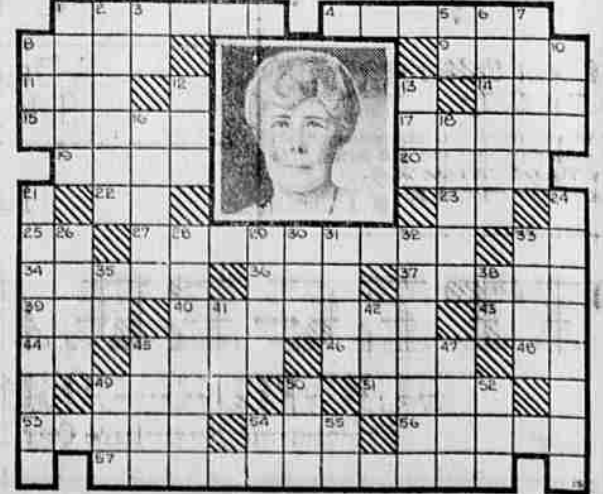
BOSTON (AP)—It's a good thing Max Bishop knows how to play poker, for he probably would be in for much criticism from the three bosses of the Boston Red Sox this year. The big three—Owner Tom Yawkey, General Manager Eddie Collins and Manager Bucky Harris—all were second basemen.

ORANGE MOIRE BELT WORN ON BLACK FROCK PARIS (AP)—Mrs. Charles Holder wears an orange moire belt on a black afternoon frock this winter. The frock is a simple, long-sleeved model of black crepe.

MRS. MURJA CARRIES SILVER FOX MITF WASHINGTON (AP)—Mrs. Emil E. Hurja, wife of the assistant to the public works administrator, carries a little silver fox mink to match the double fox skins which fashion a cape effect on her long, black fitted coat.

Musician

A crossword puzzle with clues and a grid. Clues include: 1,4,8 Who is the woman in the picture? 9 She is a famous writer. 11 Yellow bugle. 14 Mead. 15 Dogma. 17 To choose by ballot. 19 Uncommon. 20 Public garden. 22 Southeast. 23 Italian river. 25 Mother. 27 She is a noted (bl.). 33 Paid publicity. 34 Redacts. 36 Grain. 37 Weird. 39 To free. 40 Part of medical science. 13 Corded cloth. 16 To build. 18 Falling in duty. 21 What is her nationality? 24 Visionary. 26 Entrance. 28 Pore. 29 Bard. 30 Rowing tool. 31 To pierce with a knife. 32 A fox. 33 Irish tribal rank. 35 Structural unit. 38 Second note. 41 Shoe. 42 Chum. 45 Tab. 47 Portico. 49 Ocean. 50 Reverence. 52 Bedding for horses. 54 Preposition. 55 North Carolina. 43 Age. 44 Neuter pronoun. 45 Authoritative. 46 Curses. 48 Dainty. 49 Dilatory. 51 Slat. 53 Pertaining to an area. 54 To possess. 55 Streets. 57 Her best known work. 1 Lid. 2 The pine apple. 3 Road. 5 Bone. 6 Short sleeve. 7 Door latch. 8 Morsel. 10 Gun. 12 Devoured.



Ornithologist Tells Secrets Of Sex Rhythm

WASHINGTON, D. C. — "Sex rhythm" is destined to play an important part in the restoration of wild bird life, according to Dr. A. A. Allen, Professor of Ornithology at Cornell University, who told of his experiments with ruffed grouse at the 20th American game conference, Hotel Pennsylvania, New York City, Jan. 22, 23 and 24, according to a bulletin of the American Game association, sponsors of the conference. Dr. Allen solved the age-old problem of rearing ruffed grouse in captivity in large numbers. Scientists had tried to do this for 200 years and failed. "Birds are not sex conscious," Dr. Allen will tell the conference. "They do not discriminate between male and female. The strong dominate the weak irrespective of sex. A strong male will kill a weak female. "Contrary to belief, the breeding cycle of the male is of short duration, and synchronization of the cycles of the male and female is the all important factor for the perpetuation of the species. Nature provides for this by a certain pattern of behaviour for each species which brings together males and females that are in exactly the same rhythm."

By separating the males and females and using stuffed birds to test the rhythms of the males, Dr. Allen determined when the male grouse passed out of the killing stage and into the mating stage and thus avoided injuries to his females and insured a fertility of their eggs as high as 96 per cent. Ordinary fertility in capacity is about 80 per cent. Birds are creatures of instinct, Dr. Allen claims, and not only do not discriminate between male and female but fail to recognize the dead from the living in certain stages of their life cycle, and even their own reflections in a mirror or a window may arouse them to combat.

STAR HALF-MILER HURT

NORMAN, Okla. (AP)—Loris Moody of Oklahoma, Big Six indoor half-mile champion, was lost to the track team until the outdoor season when he was pinned under a horse near his home in Tulsa and suffered a broken leg.

STILL WANT TO SEE BABE

SYDNEY, Australia (AP)—Australia still wants to see Babe Ruth. Strong efforts were made to induce the player to visit Australia with the baseball teams due to arrive at Brisbane after visiting Japan and Manila.

TILDEN'S RECORD MAY STAND

NEW YORK (AP)—The record of Bill Tilden in Davis Cup tennis warfare may never be equalled. Out of a total of 42 cup matches in which he participated Tilden was victorious in 33.

Del Pratt, former manager of Waco and Galveston in the Texas league, and Happy Moore, former Dallas pilot, now operate bowling alleys.

Harpo's Back



You're wrong, folks, if you think that Harpo Marx, sporting a Russian fur cap, was putting on one of his acts when he arrived in New York from Moscow. Asked how he enjoyed his trip, this was merely how his face brightened up as he reported, "The vodka was good, and at times I was knee deep in caviar."

BRADLEY'S DERRY HORSES IN TRAINING AT HIALEAH

MIAMI, Fla. (AP)—E. R. Bradley, winner of four Kentucky Derbies, plans to condition his 1934 candidates at Hialeah Park. In the past they have been trained at Idle Hour farm, in Kentucky.

SOONER GRID STAR HUNTS GOLD IN SOUTH AMERICA

OKLAHOMA CITY (AP)—A football star who made good in the oil business and served as chairman of the Oklahoma corporation commission is on a South American trip in quest of gold.

He is Fred Capshaw, former University of Oklahoma gridiron hero. He announced his plans, on leaving here, for a two-month prospecting tour. His wife and several geologists accompanied him.

A Baby For You?

If you are denied the blessing of a baby all your own and yearn for a baby's arms and a baby's smile do not give up hope. Just write in confidence to Mrs. Mildred Owens, 8070 Coates House, Kansas City, Mo., and she will tell you about a simple home method that helped her after being denied 15 years. Many others say this has helped bless their lives. Write now and try for this wonderful happiness. —Ady.

Children's Coughs Need Creomulsion. Always get the best, fastest and surest treatment for your child's cough or cold. Prudent mothers more and more are turning to Creomulsion for any cough or cold that starts. Creomulsion emulsifies creosote with six other important medicinal elements which soothe and heal the inflamed membranes. It is not a cheap remedy, but contains no narcotics and is certain relief. Get a bottle from your druggist right now and have it ready for instant use. —Ady.



THE 1934 CHEVROLET GOES ON DISPLAY HERE TODAY

Knee-Action Wheels—the revolutionary new feature that changes the ride to a glide and gives you smooth riding comfort wherever you drive—is only one of the important improvements you will see in the new Chevrolet for 1934. Don't miss your first opportunity to see all the surprising developments that allow us to say with confidence— You are cordially invited to attend our first showing of the 1934 Chevrolet. Remember the date—and bring your family and friends.

LARISON - FREES CHEVROLET CO. Phone Main 2 La Grande

Are you as expert as she. THINK for a minute — what if you had the house to run, meals to plan and children to care for? Do you think you could do the job as well as your wife does? On the same amount of money? Be honest. The housewives of the nation study and know their jobs. They read the advertisements regularly. They keep themselves informed of the best offerings of the stores. They are expert purchasing agents. These purchasing agents, from necessity or individual desire, aim to make every dollar spent return a full one hundred cents' worth in value. They know their needs. They know through the advertisements just where these needs can be best supplied at the least cost. Such intelligent buying saves time and effort and money. It results in a management of the home that is truly efficient. Here's some good advice for all of us. Read the advertisements. Read them every day. Through them we can know exactly what we want before we go to buy. This is the surest way of securing full value for every dollar you spend.