

Events in Oregon

CANBY TELEPHONE RATES RAISED

CANBY — Because of wage increases it has granted to its employees, the Canby Telephone association has received the permission of Public Utilities Commissioner George H. Flagg to up its rates 25 cents a month on service to individual lines, two party lines, and on multi-party lines. The Canby association was found to be required to maintain a 24-hour service, due to extensive logging operations in the nearby region, and skilled operators also are hard to find as the war goes on.

The new rates affect 650 subscribers to the Canby system and will allow operations to continue without financial loss.

NEW CHARTER PLAN GIVEN STUDY HERE

HILLSBORO — Hillsboro's proposed new streamlined city charter was studied by a group of representative citizens meeting recently with the council. A further analysis of the charter by the council charter committee will be held before the charter is finally submitted to the voters.

A councilman, in explaining the reasons for a new charter, said that changing conditions necessitated so many amendments that it was deemed better to have an entirely new charter. The charter under which the city is now operating was enacted in December, 1923.

RED CROSS SETS WAR FUND GOAL

PRINEVILLE — Crook county's goal in the American Red Cross 1944 War Fund campaign will be \$5,800 compared with \$4,400 last year, according to word received here. Of this quota, \$4,700 will be used by the National Red Cross and \$1,100 will remain in Crook county to carry on the activities of the county chapter.

The increase of quota is necessary due to the extremely heavy demand anticipated by the Red Cross in this most fateful year of the war.

THREE BANKS SHOW GAINS OF \$1,750,000

FOREST GROVE — Three banks serving western Washington county report deposit gains of over \$1,750,000 over the same period a year ago. The Forest Grove National bank deposits gained \$854,208.56 during the year to reach a total of \$3,347,346.84, with total assets now of \$3,501,048.66. The First National bank gained \$741,062.56 in deposits to reach a total of \$2,191,640.86 in deposits and \$2,313,969.14 in total resources. The Washington County bank of Banks reported deposit gain of \$154,833.59 to reach a total of \$547,116.81. Total assets of this bank now total \$572,245.36.

'OUTSIDERS' SHOULD COME INSIDE IS OPINION

SALEM — Without bothering to make a "survey" or estimate, it is felt that ninety per cent of the people of Salem agree with Mayor Doughton that the several thousand people who live just outside the corporation lines on the outskirts of the city, should either vote themselves in or cease to receive the benefits of city services paid for by those on the city tax rolls—water, fire and police protection, paving, sewers, etc.

CITY POWER CONSUMPTION SHOWS CLIMB

Forest Grove — Despite wartime restrictions on electrical appliances, consumption of electricity at Forest Grove during 1943 took a 26.5 per cent increase over

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er the preceding year. This was according to figures released by the office of the city manager.

The rise was characteristic of the continual upswing consumption the system has enjoyed during the past ten years. During that period there has been an increase of approximately 409 per cent.

It is believed that the continual rise in consumption is mainly due to increased use of electrical appliances. During the last few years there has also been increase in population. These two facts plus expansion in industrial use have been mainly responsible for the gain.

CHEST FUNDS GETS \$10,000

TILLAMOOK — This county has contributed \$10,468.63 to the Oregon war chest fund with a few solicitors yet to turn in their funds. It is desired that the drive for this year terminate by February 29, when the annual board meeting will be held in Portland.

4TH WAR BOND DRIVE QUOTA ANNOUNCED

TILLAMOOK — I. E. Keldson, chairman of the Tillamook county war finance committee has received word that Tillamook county's quota in the fourth war loan drive will be \$769,600.00. Two hundred solicitors have been selected for the new drive and instruction meetings are to be held.

ANNUAL POLIO DRIVE OPENS JANUARY 14

HILLSBORO — Need for funds to combat infantile paralysis—"the great crippler"—is greater this year than ever before due to the great increase in polio recently. This was the declaration of Mervin Brink, chairman of the Lions club committee which will conduct the annual Hillsboro campaign for the National Foundation for Infantile Paralysis, in announcing the local drive from January 14 through Jan. 30.

ENROLLMENT AT SCHOOL AT RECORD LEVELS

SEASIDE — School enrollment rose to new high peaks here following the opening of school after the Christmas holidays, according to reports. Remarkable gains have been made in enrollment since the same period of last year and totals are now at record levels for the schools.

Enrollment at the Central school last week stood at 510 pupils, an all-time high. This compares with 415 pupils last year. Gains in enrollment at the high school are similar. The total following the holidays was 240. At the same time last year the enrollment was 197.

Washington Snapshots

In its first session, the 78th congress established a unique record. During its almost continuous session of 11 months it met every administration request for the successful prosecution of the war—but it declined to follow it on many basic issues.

To meet the costs of all-out global war, both democrats and republicans joined to boost the national debt limit to \$200 billion, in extending lend-lease, continuing the president's authority to negotiate reciprocal trade agreements and meeting the economic problems of servicemen's dependents by boosting allotments and allowances.

But—for the first time in a decade—congress served notice by its actions on a score of issues that it was determined to restore to the legislative branch its duties and responsibilities under the constitution.

It brought to an end the policy of extending to the executive branch "blank checks" of authority and power.

On every occasion it moved to bring to an end the practice which had developed through government administration by directives rather than by statutory laws.

The most outstanding examples of congressional defiance of administration leadership were its over-riding of the presidential veto of the Smith-Connally anti-strike bill, and the repeal of the \$25,000 salary limitation directive of the president.

While congress made in 1943 an imposing effort to stem the tide of bureaucratic government, many issues involving domestic issues remain for the second session which promise further conflicts between the executive and legislative branches.

THE POCKETBOOK OF KNOWLEDGE BY TOPPS

INGENUOUSLY DESIGNED TO ELIMINATE VIRTUALLY ALL OUTSIDE NOISES, THIS TINY MICROPHONE ATTACHED TO THE UPPER LIP IS OF GREAT VALUE IN TALKING AND OTHER PLACES WHERE THE OPERATOR MUST HAVE HIS HANDS FREE.

INDUSTRY IS BUSY BUILDING CRANES TO LIFT PREFABRICATED SHIP SECTIONS, SOME OF WHICH WEIGH AS MUCH AS 260 TONS

ONCE HEAVILY-POPULATED IDAHO TOWN NOW HAS ONLY ONE INHABITANT WHO IS MAYOR AND POLICE FORCE

NAVY NURSES ARE NOW BEING PROVIDED WITH NEW PISTOLS WHICH SHOOT ULTRA-VIOLET RAYS TO TREAT WOUNDS, ABSCESSSES AND ULCERS

A POWERMAN DOG WALKED FROM MOSKOWKA TO PATCHOGUE, LONG ISLAND, A DISTANCE OF 595 MILES IN A LITTLE MORE THAN THREE WEEKS

OUT OF THE WOODS BY Jim Stevens

Trees and Boys ...

Yesterday it was just another speck on the map of forest land owned by the state of Washington. Today the boys of Snoqualmie, Fall City and North Bend are surveying it as their own, 80 acres, under the direction of District Fire Warden Earl Forbes. The hills, the water courses, the growing trees and a hundred other forms of plant life, the birds and animals, the stumps and windfalls, are all for the Junior Forest Wardens to use for work, study and recreation. The State just keeps title to the land, the soil, itself.

It is a community project. Forest industry, the local labor union, the American Legion, the Boy Scouts, the Y.M.C.A., the State Division of Forestry, and the U. S. Forest Service are all behind the Junior Forest Wardens and their work on 80 acres of tree growing land.

At Shelton the Simpson Logging Company has made a similar loan of 40 acres near the town for Junior forestry projects and outings. At Aberdeen and Longview boys' forests are in prospect. Trees and boys are natural good companions.

What's Juvenile Delinquency? ...
 It's the bunk. The term, "juvenile delinquency," makes me mad every time I read or hear it. The basic fact on it is that there has always been a minority of toughies and hellcats among the population of boys and girls. Of such was the gang of kids you read about in the Old Testament, who tormented Elisha, hollering at him, "Go up! Go up, thou baldhead!" Probably they did worse, as Jehovah sicked a pack of bears on the tough kids, to "tare" them.

In normal times the mean minority of kids is commonly kept under control without resort to bears or other drastic measures. But in the stress and fevers of wartime the tough babies run wild and loose, raise big stinks and make sensational news. And the regular, everyday boys and girls, at least 90 per cent of our kids everywhere, have suspicion and blame cast on them for the hell-raising of the few.

The trouble with most current efforts to deal with "juvenile delin-

quency" is that they are all designed to reform and make over natural-born bums and hellcats, while the majority of kids—who behave themselves—are neglected. It's exactly the same proposition as that of blaming all war industry labor for the sins of its small minority of tramps, or of accusing all industry management of war profiteering because here and there a few have taken a crooked course.

The public keeps its head on charges against labor and management in war industry. But we seem to have gone haywire on "juvenile delinquency." Let's slow down and give our real kids a real break.

Junior Forestry Is War Service ...
 The everyday boys between 9 and 16 are as eager to take a real part in the war effort as older boys and men are. They don't want to be coddled, pampered and lectured—they do not feel that they need to be "saved." What they want is something substantial to do beside going to school and buying war stamps.

We have a simple answer in our forest region, in every town and neighborhood of Western Oregon and Washington. Even in Portland, Tacoma and Seattle there are areas of forest land within hiking distance of most neighborhoods. Any sort of boys' organization can adapt the Junior Forest Wardens program of Keep Washington Green or the Guards program of the Keep Oregon Green Association to its own uses. The forestry agencies will provide guidance and materials. So boys, and girls too, can be formed into real forces for forest fire prevention and for tree growing. Both are real war work.

The kids need those little tracts of forest land to be theirs for use if not as property. Now in wartime our super-colossal national parks are as useless as Babe the Blue Ox. But we can get down to earth and deal with the simple plain facts of what recreational and educational use of forest land really means. That 80 acres at Snoqualmie and the Shelton 40 will be of more actual service to the boys of Washington than all the hundreds of acres of national parks will be in 1944. What about your town and your boys?

At the Churches

Church of Jesus Christ Of Latter Day Saints

Sunday school convenes at 10 a.m. at the I.O.O.F. hall under the direction of G. W. Bell, branch president and Van Bailey, superintendent.

Seventh Day Adventist Church

Services on Saturday:
 10:00 a.m.—Sabbath school.
 11:00 a.m.—Gospel service.
 8:00 p.m. Wednesday—Devotional service.
 Sermon by district leader—third Saturday of each month
 A cordial invitation is extended to visitors.

Assembly of God Church

Rev. Clayton E. Beish—Minister
 9:45—Sunday school with classes for all ages.
 11:00—Morning worship.
 6:30—Young people's Christ Ambassadors service.
 7:30—Evangelistic service.
 7:30 Wednesday evening—Mid-week service.
 4:00 p.m. Friday — Children's church.
 7:30 Friday evening—People's meeting.

Evangelical Church

—Rev. Allen H. Backer, Minister
 9:45 — Sunday school.
 11:00 — Morning worship service.
 6:30 — Junior and Y. P. Christian Endeavor.

7:30—Evangelistic service.
 7:30 p.m. Thursday — Bible study and prayer meeting.

St. Mary's Catholic Church

Rev. Anthony V. Gerace
 Rev. J. H. Goodrich
 Mass: 9:30 a.m. except first Sunday in month—Mass at 8:30 a.m.
 Confessions from 7:45 a.m. on.

First Christian Church

—The Livingstones Ministers
 9:45—Bible school. M. L. Her-rin, superintendent.
 11:00—Junior church.
 11:00—Morning communion and preaching. Subject of sermon: "As the Twig Is Bent."
 7:30—Evening song, communion and preaching. Sermon subject: "How Important Am I?"
 7:30 Wednesday—Prayer meeting.

The Forum

THE INSPIRATION OF THE BIBLE

Part XXI ARITHMETIC IN PLANTS AND PLANETS

Let us consider another law of vegetation, which is termed—phyllotaxis, that is, the law of leaf arrangement. If the leaves upon a stem were arranged by chance they might sometimes be all upon one side of the stem and sometimes upon the other side; or they might be arranged in one or two rows from top to bottom, each leaf standing exactly above the first leaf in the row.

There would, however, be a difficulty in the way of this arrangement—leaves cannot grow properly without light and air; and by this arrangement the upper tier of leaves would get all the light, while the lower ones would be in perpetual shade; hence, though this plan might commend itself to some of those geniuses who think they could improve upon the making of this world, yet, practically it would not work well.

Of course, the seeds of a plant would need a liberal amount of sunshine to ripen them and in accordance with this requirement we find that they are usually put at the top of the plant, where nothing can shade them. But while it would also seem necessary that the leaves of a plant should shoot out in various directions, so that the tree would not become one sided and tip over, yet to arrange them so as to give each leaf a fair chance at the light which comes from above, would require somewhat careful planning. And as this is something about which chance would know nothing, care nothing, and do nothing, if anything is done to meet this obviously important condition of things, it must be done by design. What has been done? The answer to this question might fill a chapter.

The early geometers, thousands of years ago, undertook to mark out a pentagon, or five-sided figure, within a circle. In endeavoring to do this, they were obliged first to divide the circle into two parts, one of which is a fraction less than 382 thousandths of the circle, the other is a fraction more than 618 thousandths, the fractional difference between these two parts being of such a nature that it is impossible to represent it by figures. They accomplished their purpose by so dividing the whole that the smaller part should bear to the larger the same proportion that the larger bears to the whole; and reckoning from this basis, they were able to effect the desired division. This method of division is described as "extreme and mean ration," and leads to a result more accurate than can be reached by any arithmetical calculation.

This division is "extreme and mean ration" has been known and used in geometry from before the Christian era to the present day; but it was not until 1849 that any one suspected that this principle existed in nature. But if we go into the orchard and examine a young apple or cherry tree or sprout, we shall find that its leaves are arranged around the stem spirally in series of fives, the fifth leaf, or bud, standing directly above the first. But this placing of five leaves at equal distances around the central stem of a plant, involves the ancient problem of the pentagon and embodies the principle of division in "extreme and mean ration," which is inexpressible in figures; and this principle is continually employed in nature, in so dividing the circumferences of plants, or stems, that the leaves and branches may be evenly distributed around the stalk, thus giving each its fair and proper chance to catch the light and air from above and also maintaining the balance and symmetry of the tree.

Starting from any leaf of any plant, as a zero, and counting around and upward till we find another leaf which stands exactly above the first—which in grasses will be the second, in sedges the third, in the quince and the raspberry the fourth, in the apple and cherry tree the fifth, in the peach and pear the sixth, in the holly and acornite the eighth, in the rosettes of the houseleek and cones of the white pine the thirteenth, and in certain pine cones the fifty-fifth—we shall find the principles of mathematical law constantly exhibited in the distribution of these leaves.



And we shall find that the number of leaves in a series and the number of turns of the spiral before a leaf stands directly over the first, as a rule, are in all individual plants or trees of each species exactly the same.

We can thus trace arithmetical arrangement in every tree and bough and plant around us. And we shall find each plant made upon its own plan, and its leaves in every instance regularly counted off by this same mathematical mind.

We are not, of course, to expect mathematical accuracy of division in every instance, any more than we should expect a parlor mirror to be polished like a telescope reflector or a jack-knife to be finished like a surgical instrument; but we find the same mathematical principles governing the whole vegetable creation, and showing that long before geometrics had invented division in "extreme and mean ration" He who Caused the earth to bring forth plants and trees, understood and acted not only upon the simplest methods of numeration, but also the most obscure mathematical and geometrical principles.

SEEN ALSO IN THE PLANETARY SYSTEM

But this same peculiar series of fractions is found to be embodied in the orbits of the planetary world. Thus—"In the solar system for example, with the exception of Neptune, the intervals between the orbit of Mercury and the orbits of other planets go on doubling or nearly so, as we recede from the sun. Thus the interval between the earth and Mercury is nearly twice as great as the interval between Venus and Mercury; and the interval between Mars and Mercury is nearly twice as great as that between the Earth and Mercury, and so on.

Here, then, we find in the plants beneath our feet and in the stars above our heads, evidence not only of unity of design and contrivance as indicating a common designer, but also of a knowledge of obtrusive mathematical principles which it took geometrics thousands of years to discover, and thousands of years more, after they were discovered, to find out that they were already embodied in all the plants and trees about them, as well as the stars that shine above us and proclaim the majesty and wisdom of that God who made the earth and built the skies.

We have thus been led by the recognition of a uniform mathematical law, from the planets, from the vegetation which clothes the earth, to the stars that shine in heaven. And the connection is obvious; for all vegetation and fruitfulness depend upon "summer and winter, seedtime and harvest;" and these are regulated by planetary motions accomplished in strict accordance with mathematical law.

Submitted by G. F. Brown

PRINCE AND PAUPER

Christ was the Prince; I the Pauper. He stepped down from His throne on High and in four short years started time anew. By word and deed. He also set a standard by which every life must stand or fall. So came Christ to dwell among men.

I was the pauper, for I had sold out to the world, the flesh and the devil and they had me stripped. At the end, Christ died under my sins, to square me with God. He ascended back to glory and is the Vine. I, the branch, draws my life from Him.

"I read my Bible every day and recommend that you do the same—Gen. Bernard L. Montgomery of the British Eighth army to his staff officers.

Gloria Taylor

This space paid for by an Oregon business man.

KEEP ON
Backing the Attack!
WITH WAR BONDS