

## NEW PLANETS SHOW SIGNS OF SOLAR SYSTEM

San Jose, Cal. (AP)—The significance of the verification of the existence of a new planet announced at the Lowell Observatory at Flagstaff, Ariz., lies mainly, Dr. Robert Aiken believes, in the realization of the increased size of the solar system. Dr. Aiken is a noted astronomer at Lick Observatory at Mt. Hamilton, near here.

Dr. Aiken said that the most significant, of course, is that the planet is there. It explains some of the irregular motions in the orbits of Neptune and Uranus and demonstrates that our little family of worlds is not such a puny thing as modern telescopes have made it appear in comparison with the known universe.

The discovery, however, will not, in Dr. Aiken's opinion, modify existing theories of the probable origin or nature of the solar system.

The so-called Nebular Hypothesis embraces two widely accepted suppositions, astronomers say. The first and now apparently the most widely accepted, is the planetary theory. By that is meant the belief that Nodules or lumps formed in the rotating primal Nebular mass from which the plants and the sun evolved and that in time these collected to themselves the more tenuous Nebular matter or star dust around them. Some believe that planets are still growing in weight, if not size, due to the continual dropping of meteors and stardust on their surfaces. As they are cooling, meanwhile, and hence, contracting, the size perhaps is not increasing. The other and older supposition is that the sun and planets were thrown as molten globes from the original nebula and that what was left became the sun. This supposition, carried out, led to the suggestion that the moon may have been thrown off from the earth as the earth was by the sun.

Students of astronomy have agreed that no positive verification existed for their theories and hoped that future discoveries would supply this lack.

## GRADESTERS OFFER TEACHERS SURPRISE

Amy—The pupils of the Fifth and Sixth grades of the Amy grammar school gave a surprise party Wednesday evening at the home of Dr. G. A. Davis in honor of their teacher, Mrs. Arthur Chambers (Miss Bernice Paley) who was married recently. A busケット luncheon was served at 6:30 o'clock. The bride was presented with a gift by her pupils.

Those present were Vivian Smith, Letitia Shields, Lawrence McClure, Danny McCarty, Royal Cochran, Alan Turbet, Jean Abraham, Betty Jean Cole, Martha Groves, Granville Allen, Kenneth Massey, Harry McCarty, Lois Vincent, Lyle Clymer, Betty Doris Phyllis, Davis Keith Davis, the guest of honor, Mrs. Arthur Chambers, Miss Nina Guiles, Hubert Miller and the hostess, Mrs. G. A. Davis.

Mrs. Chambers has been a member of the grammar school faculty here for the last three years and has made many friends in the community during that time.

## CHURCH ORGANIZATION MEETINGS ARE STAGED

Monmouth—The Baptist women's missionary society met Thursday at the home of Mrs. A. B. Morian, with Mrs. L. L. Daly presiding. After the presentation of a short missionary play, refreshments were served by Mrs. Morian and Mrs. F. R. Boyer.

The Dorcas society of the Christian church held its meeting Tuesday afternoon at the home of Mr. Paul Riley, with fourteen members present. Several songs were sung by a group of high school girls, Dorothy Burk, Prudence Haller, Edna Gilliam, Vernita Mitchell and Nadine Mason. After the program refreshments were served.

## CLUB HAS MEETING

Salem—The March meeting of the Will community club was held at the Richardson Gap school house this week, with routine business and a good local program. It is understood the April meeting may have speakers from Lebanon and elsewhere.

## SOCIAL IS FRIDAY

Auburn—The Auburn Community club is planning a basket social for March 21. The Cub Dramatic club will give the program. The date of the Auburn club meeting has been changed to the third Friday evening of each month so as not to conflict with neighboring club meetings.

## GOING TO HOLLAND

Univale—Mr. and Mrs. Isaac Braat and daughter, Cornelia of Seattle, Wash., are guests of Mr. Braat and family enroute to New York by rail, where they will sail for Rotterdam, Holland, March 25.

## PROGRAM IS FRIDAY

Dayton—The Websfoot Parent-Teachers' association March meeting will be given by the men serving on the program and refreshment committee, at the school house Friday evening.

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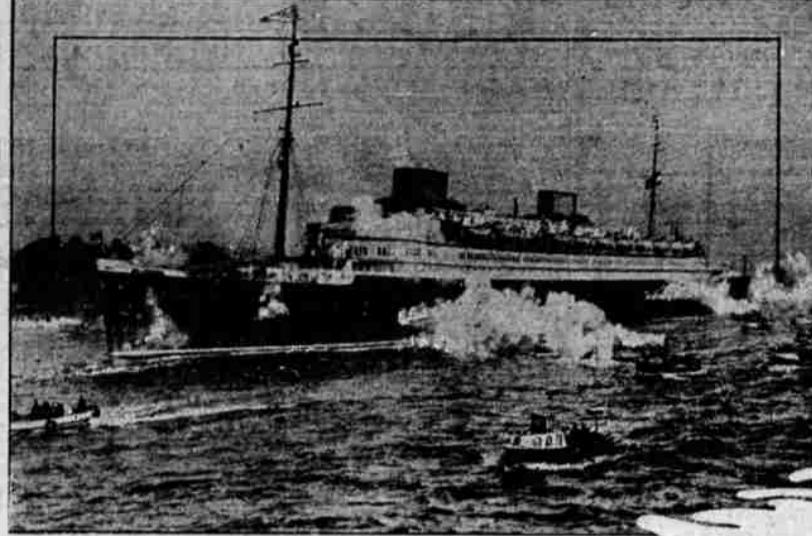
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## PRIDE OF GERMAN FLEET READY FOR MAIDEN VOYAGE



Associated Press Photo  
The Europa, giant sister ship of the record holding Bremen, will seek a new Atlantic record during her maiden voyage.

## Telephone Company Opens for Business In New Building

Monday morning the business offices and commercial department of the Pacific Telephone & Telegraph company will be installed and opened for business at the company's new home at 740 State street and the old offices at 170 North Liberty street will be permanently closed. However, the operating departments will remain in their present location until after the first of the year as it is estimated fully 10 months will be required with a big crew working making the difficult installations to switch over to the automatic system to be installed here next year.

All business relationships will be conducted from the new offices starting Monday morning, states C. C. Aller, district manager for the company, and he expects the new offices will remain open until late Monday evening to anyone wishing to visit Mr. Aller or his associates in their new home.

The switch will be made Saturday night with the equipment from the old business offices to the new and marks the close of a quarter of a century of service to Salem by the Pacific Telephone & Telegraph company.

Salem's first telephone exchange was established in 1884 in the rear of a drug store at State and Commercial streets. In 1890 there were 115 telephones in the city. But so rapid was the growth of the exchange during the next few years that in 1905 the offices were moved to its Liberty street location.

Early last year plans were announced by the telephone company for the erection of the new three-story building directly across from Wilson park. Actual construction was started in May and was completed except for finishing inside on December 1. Of steel frame construction, fireproof and light terra cotta finish it has been planned to ultimately accommodate five stories, while it now has three and a full basement. The new building embodies many of the latest features of telephone design, according to Mr. Aller, among which will be the use of individual desks in place of the usual business counters. Although this feature has been adopted in many of the newer buildings on the coast Salem is the first city in which it has been instituted in Oregon. The walls of the office are finished in a pale buff color which harmonizes strikingly with green rippled drapes and grey-green linoleum. Near the center of the room is an attractive built-in teller's and attendant's cage opposite which are located local and long distance telephone booths. A customer's room, in which visitors may take up special business matters, is located in the rear of the office. All woodwork and furniture is of dark mahogany.

No special demonstration will be put on by the company at the opening of the business offices but when equipment is installed an open house will be staged for Salem folks to see their new building in its entirety.

A trip through the new building even in its present stages, however, reveals what a monumental addition it is to Salem's general line of public buildings.

The front doors, which will never be locked, and which have no lock on them in fact, open onto a spacious lobby equipped with phone booths for service to the public at any time. At the left on entering are the business offices already described. At the rear is a large room for handling the long line department. Large lavatory

rooms are on the west side of the floor.

On the second floor are the main operating rooms. Here also is a large rest room for operators, with a kitchenette all of which will be completely equipped. And incidentally Mr. Aller stated that the automatic service will not decrease the number of operators over 30 to 35 per cent and all the old operators will be kept on. Operators hired the past year have been hired with the understanding their work would be temporarily only until the new connections are made. Operators will be used for toll calls, farmers line calls, and special operators will be employed to keep dial calls straightened out where mistakes have been made. The number of toll operators will remain about the same as a big percentage of toll calls are now taken through the city lines.

The entire east half of the building is given over to the room where the operators will be stationed on the second floor.

On the third floor is a large room where the automatic equipment will be installed with provision for cables coming up from the basement through ducts. At the rear is the testing department where delicate machinery will be located for testing line trouble and other purposes.

With this machinery trouble on the line anywhere can be ascertained within one or two poles of the difficulty.

A complete basement under the building houses the automatic heating plant which will furnish steam through an oil burner. It also contains a big supply and crew room, a large storage battery room where huge storage batteries will be kept. A long cable room eight feet wide, the entire length of the building, which can carry as high as 60 cables and from these they radiate to the cable room on the third floor. This room is equipped with a steel door which will close automatically in case of fire.

An interesting feature on the top landing of the building is a frigidaire equipment to furnish ice cold water at all times to bubbling fountains which are situated throughout the building. The lavatories are furnished on every floor, done in marble and modern in every respect.

The building is built massively throughout, so there can be no sagging or jarring to interfere with the operation of the numerous delicate instruments used.

The ceiling is built in a manner so two more stories may be added and the rear wall of the entire building and basement is of brick so it may be knocked out and extensions built when needed.

In every respect the building is beautifully finished from top to bottom.

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## SOVIET ORDERS END OF REIGN OF VIOLENCE

Moscow (AP)—Such acts as closing churches without consent of a majority of the population, tearing down church bells, use of force, violence or harsh administrative measures in converting individual farms into collective farms and illegal confiscation of the peasants' property must forthwith cease, said a highly important editorial in the Izvestia, which reflects the views of the government.

Measures of persuasion rather than dures, Izvestia said, must be used in getting peasants to join the collective farms. Any official who henceforth departs from this policy will be severely punished.

"Doubtless," continued the paper, "our enemies will raise a terrific shout of joy over this alleged retreat from our policy of collectivization. The laboring masses know that to retreat would mean surrender to the enemy of our positions, which we have gained. Not only will we not surrender our positions, but we intend to fortify ourselves by the mobilization of all our power and means into one vast collective effort. By holding fast to our positions, we will create conditions which will enable us to move toward complete socialism with the entire mass of laboring peasants. This task is difficult, but can doubtlessly be solved. Mistakes and violations of the communist party's rural policies, which have been committed by some 'bonehead' village officials, are absolutely intolerable and must cease immediately."

## WOMEN UNCHANGED AFTER 10,000 YEARS

Birmingham, Ala. (AP)—Dr. Walter B. Jones, state geologist, says "women haven't changed much in the last 10,000 years or so."

"Of approximately 600 skeletons unearthed during excavation work near Mountsville, Ala.," Dr. Jones observed in an address Friday night, "all the women had their mouths open while the mouths of the men were characteristically shut."

Ancient burial grounds are being examined by the Alabama museum of natural history of which Dr. Jones is the director.

## BABY CLINIC HELD SEWING CLUB GUEST

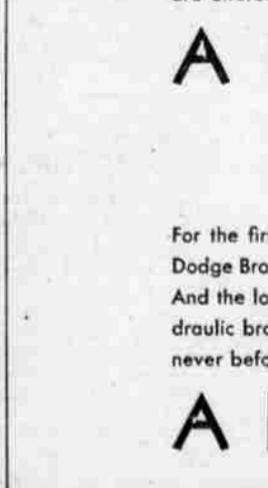
Gervais—A baby clinic was held Wednesday afternoon in the church social room. Mrs. Sumner Stevens and Mrs. Clyde Cutforth were the local women in charge and were assisted by Dr. Russell of Salem, and Miss Bryan, the visiting nurse. Eight babies were examined. Dr. Smith of Salem, took pictures of some of the work done by the local clinic and which will be added to that of others taken from the various county clinics and made into book form and sent to other states showing what the clinics are to small communities.

## MAYOR WILL SPEAK

Salem—Mayor Calavan of Albany will speak on educational topics at the meeting of the Scio Parent-Teachers' association on the evening of March 20, according to announcement of officers of the organization. Mr. Browne's music pupils will give several numbers.

## SCHOOLMATES UNITED

Gervais—Mr. and Mrs. Frank Van Tree of Seattle, Wash., visited with Mr. Wadsworth and family Wednesday. The Van Trees and Wadsworths were all school mates in Oklahoma.



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## OREGON FACTS WORTH KNOWING

by  
W. G. Ide, Manager  
Oregon State Chamber of Commerce

Oregon leads the nation in hops. This state produces from 50 to 55 per cent of the country's supply. Ninety-nine per cent of the nation's output comes from the Pacific coast. In the Independence district of Polk county the hop production in good years has averaged \$1,000,000, approximately one-half that amount being paid in wages for labor. Employment is given to many people from early spring to late fall and during harvest season thousands of pickers are employed. Oregon has approximately 17,000 acres devoted to hops which produce an average of 1,000 pounds per acre and the crop is worth about \$3,000,000. Hop production is a business for a large operator and the reduced market in recent years has made the industry somewhat less important than formerly. Hops are planted from cuttings taken from

the roots. There is a commercial yield the second year. Plantings are in rows seven to eight feet apart. In early spring the land is plowed both ways, hoed, cultivated and worked down with discs and spring hoes. A peg is driven at each hill onto which twine is tied and extended up to 12 to 20 feet to trellis wires which extend from post to post. Hops are trained up these strings and later along the wires. After a hop yard is once in production, it is good for 20 to 30 years without replanting.

**PRINCE CAROL LEAVES HELEN**

Bucharest, Rumania (AP)—Reports emanating from alleged reliable sources Saturday said that Prince Carol, father of the infant King Michael, has separated from Mme. Helene Lupescu, Rumanian woman for whom he renounced his rights to the throne of his country.

There have been frequent reports of separation of Prince Carol and Mme. Lupescu, usually followed by their appearance in public again at Paris. In June, 1928, Princess Helen of Greece, his wife and mother of the boy king, divorced him.

His affairs of heart brought him into disfavor in Rumania and led to his exile.

At various times he has been mentioned as plotting to return.

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