

Daily—Twenty-fourth Year
Weekly—Eighty-eighth Year

MEDFORD, OREGON, THURSDAY, AUGUST 15, 1929.

No. 115.

ATAK ON TWO GIRLS CONFESSED

Hitch-Hikers Held For Crime Against Women Prove Army Deserters — Drove Auto Into Field and Con- tinued Efforts To Stop Screams—One Thinks He Is Crazy.

DENVER, Colo., Aug. 15.—(AP)—Two deserters from the army, who confessed to police last night that they had attacked, robbed, slashed and left to die two women near Hoxie, Kans., Sunday night, were held in jail here today pending the arrival of authorities from Kansas to return them to the scene of the crime.

Arrested as deserters and later questioned by construction work the attack on Miss Beatrice Walsh, 21, and Miss Leola Bourgeois, 21, of Concordia, Kans., Gordon Frost, 27, of East Pepperell, Mass., and Wayne C. Aldrich, 18, of Chicago, confessed having perpetrated the attack. Later they directed officers to the spot where they had stolen from the two women, and in the car were found three suitcases belonging to the women.

The men, according to their story, deserted from Fitzsimmons

hospital, near here, last Friday, and hitch-hiked their way to Lehigh, Colo. At Limon they were picked up Sunday by Mrs. Walter and Miss Bourgeois, and the four drove to Hoxie, arriving there about dusk. They continued eastward, but at about 200 the women became nervous and started to return to Hoxie.

Aldrich struck one of the women in the face, by said, drawing blood, and the two men threw the women into the back seat of the car. They started to drive on, but the women screamed and the men drove the car into a field.

Then they attacked the women with a razor blade, slashing them in a dozen places, and tore their clothes off, using strips of the clothing to bind them. The women were found later, nearly nude and almost dead from loss of blood.

Aldrich and Frost then drove the car back to Denver. They took the license plates off and burned the plates to destroy them, hiding them in one of the suitcases where the police found them.

The two were arrested Tuesday night and returned to the state authorities. Yesterday police learned they had been in Kansas at the time the women were attacked, and questioned them. They confessed almost immediately. Both said they would waive extradition.

Frost gave no reason for the attack and Aldrich said he did not know "why I did it—I must have been crazy—but they kept screaming, and it seemed the only way to shut them up."

CRATER LODGE CLERK WILL VISIT IN BOSTON

CRATER LAKE, Ore., Aug. 15.—(Special)—Arnold Peterschmidt, who has acted as clerk here for the past two years left Tuesday evening for Boston, Mass., where he will make a short visit with his parents before returning to Portland to resume his teaching in the Columbia university.

Rostel Learns Yerkes Observatory Founded by Father Mrs. Paul Scherer, Visit Adds to Knowledge Astronomy

WILLIAMS BAY, Wis., Aug. 6.—(Special Correspondence)—A mass of 50 or thousands of visitors annually to the Yerkes Observatory of the University of Chicago, located on the beautiful shores of Lake Geneva, a short distance from the Illinois state line. The observatory has particular southern Oregon interest in that its first director and the man who conceived its establishment is George E. Hale, father of Mrs. Paul Scherer, residing north of Medford.

The present director, Prof. Edwin Frost, upon a visit there last night told of the history of the observatory and explained its equipment as well as its scientific equipment. Professor Hale drew the general plans and outlined the aid of Charles T. Yerkes, a Chicago business man, in securing the largest reflecting telescope in the world, having in other class of 40 inches clear aperture. The 40-inch telescope is mounted upon a massive brick pedestal on a solid concrete foundation, while the length of the telescope is 62 feet. With spectroscopic attachments, the length is increased by six feet.

Although the tube was a weight of six tons and 20 tons, including all movable parts, the instrument can be readily moved by hand. Electric motors, however, are available to move the large telescope toward any part of the heavens. The diameter of the dome is 60 feet and it can be completely turned around in six minutes by electric motor. The observatory also has a stone floor, 25 feet in diameter, supported by four cables and weighing 25 tons. The opening in the dome is 11 feet and is closed by shutters 85 feet long, so well constructed that they can be easily moved by hand.

The optical quality of the telescope is of the highest order, explained Prof. Frost, and under favorable conditions, very faint objects have been seen and far distant double stars have been separated. A large telescope, because of its exacting demands on the atmosphere, a visitor looking through the large glass for the first time, is nearly disappointed not to find a higher magnification in use on an average night, making him believe the five-inch telescope used by Prof. F. C. Reimer at Talent, is just as enjoyable and enlightening.

Due to the carefully planned schedule of the observatory, the telescope is never used for aimless exploration of the heavens, as a definite program is arranged for each night a full year ahead. Last night, Prof. Christian T. Elvey was making long exposures with the spectrograph, attached to the instrument, of the spectrum of the giant star, Vega, nearly in the center of the heavens during the early part of the evening.

Results of the exposures were a number of straight lines, meaningless to those who know little of the highly technical end of astronomy. Through the picture, Prof. Elvey declared an astronomical law was expected to be proven. Before the spectrograph was attached, a good view of the planet Saturn and its several moons was obtained through the giant refractor, but due to the atmosphere, clarity was lacking, and the star was more of a large shimmering mass. However, a view of the planet through the twin 12-inch Keowood telescope in a dome at 116 feet, a better view of the star could be obtained with a power of 550 diameters. A more defined view was seen with a power 200, and a fairly good one with 80 diameters. A striking view of Annapolis, approximately 180 light years from the earth and 40 million times larger than the sun, was also presented through the 12-inch glass, revealing the star as a small ball of colored light.

Other views of stars were equally interesting, but unfortunately the moon was not up. With the 40-inch telescope, the moon is brought within 60 miles of the earth, and a good collection of photos, showing views of the Appennine range of moon mountains and of the moon craters, Tycho, Plato and others, were on display in a gallery.

Professor Frost explained the determination of the distance of a star with the background of faint stars on the same plate is called the trigonometric method, and covers an interval of six months, the earth having moved approximately 186 million miles during that time. Through the use of angles, the distance is fairly accurately determined. In this way, said Prof. Frost, the distance of some 200 stars have been determined.

An especially important use of the great refractor has been the study of the sun, bringing into use the spectroheliograph, so named by its inventor, Prof. Hale, when he brought it into successful operation at the Keowood observatory. Adjustments can be so made the photograph will depict either the lower, the intermediate or the upper levels of the incandescent vapors above the surface of the sun.

The southeast dome of the observatory, the equipment of which was shown and explained by Prof. Frost, contains a 24-inch reflector, an instrument quite as powerful for some purposes as the 40-inch telescope itself. Remarkably fine photographs of nebulae have been obtained. A star of the ninth magnitude, having less than one-thousandth of the brightness of a first magnitude star, can be photographed with it in one second. With an exposure of three hours, vast numbers of stars will impress their images on the plate, many of which can never be seen with the 40-inch reflector.

The Keowood equatorial refractor of 12 inches, presented to the observatory by Prof. George E. Hale, is located in the northeast dome. On the main roof, between the two small domes, is housed the Brushner comet-seeker of six inches aperture. No seismographs for recording earthquakes, nor instruments for determining the earth's magnetism are maintained.

The five photographic telescopes are another feature of the observatory and is located in the small dome to the southwest of the observatory. Many unsurpassed photographs of the Milky Way and of comets have been made, and several of these are on display for exhibition to the hundreds of visitors who come to the observatory on Saturday afternoons set aside for the only day in the week for visitors. One photograph shows a region of the Milky Way following an exposure of three and one-half hours.

Over one thousand visitors from all parts of the nation were at the observatory last Saturday, but last night only the staff and three or four others were present.

The observatory has a complete library of 10,000 volumes, covering astronomy complete in every detail. One large book, the result of many years' research by a German astronomer, is regarded as highly valuable by the staff. From 100 B. C. to 2489 A. D., every sun eclipse has been charted, and the charts have been found to be accurate. In another section of the library are maps of the heavens, showing the exact location of 22,000 stars and a description of each. The descriptions are contained in a special volume of books. The end of the observatory was given in detail by Prof. Frost. The

BELLVIEW SCHOOL BUILDING DELAYED BY TILE DELIVERY

BELLVIEW, Ore., Aug. 13.—(Special)—Work on the new school building is being delayed ten days on account of the tile not being ready. It is hoped by the committee that the work can be completed for the fall school opening.

Mr. and Mrs. M. M. Tucker, Mr. and Mrs. C. A. Patton, Mrs. Clara Scott and son Stephen, and Mr. and Mrs. M. P. True spent Sunday picnicking on Clifton creek.

Mr. and Mrs. Richard Schneider and daughter Louise, H. Burnett and daughter Mary left Medford morning for the coast, where they expect to spend a week or ten days. Mr. Burnett recently sold

LAD TRAVELS ALONE FOR BELLVIEW VISIT

BELLVIEW, Ore., Aug. 13.—(Special)—Little Jack Dempsey Jr., from St. Helena, Oregon, is making a visit at the home of his grand-parents, Mr. and Mrs. J. C. Hayward. Jack is but 8 years old and made the trip all alone from Portland.

Mr. and Mrs. W. J. Williams are the proud parents of a six pound girl, which arrived at their home Friday morning.

Veteran Actor Dies

NEW YORK, Aug. 15.—(AP)—Cyril Keightley, veteran English actor, died here today. He was 84 years old. He had been engaged for a part in "Scotland Yard," a play which is to appear in about a month. He last played in the "Trial of Mary Dugan."

The Dalles-Airport will be established here in the near future.



**Unadulterated
★
non-poisonous
★
absolutely pure
★**

RIVERSIDES

8-Million Mile Test Each Year Equal to 320 Trips Around the World!



**Guaranteed Life, 16,000 Miles.
Average Life, by Actual Test,
24,879 Miles.**

FREE Mounting Service at all stores

TAKE 25,000 miles, the distance around the world . . . multiply by 320 . . . and you get EIGHT MILLION MILES. That's the total test mileage traveled each year by the RIVERSIDE Fleet of test cars, which must prove to US what RIVERSIDE Tires will do—before we will allow those same tires to be sold to YOU . . .

Notice how our 16,000-mile-guaranteed RIVERSIDE actually performs under these tests. Accurate records kept on every tire tested show that the average mileage for these tires was 24,789 miles! **Five-Five Per Cent More** than the mileage Montgomery Ward & Co. guarantees!

Nor were these miles carefully-selected, smooth, concrete-paved miles, either—rolled off under ideal driving conditions. They were miles such as the ordinary motorist rarely, if ever, travels. Through blazing heat, pouring rain . . . snow and ice. Over mud, clay and gravel roads—across deserts, up mountain trails, and in tangled city traffic . . . Tests that not only used, but abused—and even punished—every tire on every wheel . . . average daily mileage per car being 600 miles.

Even more remarkable, perhaps, than the average test-record of 24,789 miles, is the further fact that 35% of all RIVERSIDES tested ran over 30,000 miles . . . and 13% ran over 40,000 miles . . . an average, for 43% of these 16,000-mile-guaranteed RIVERSIDES, of 35,000 miles—OR OVER TWICE THE GUARANTEE! . . .

These aren't claims. They're performance FACTS, justifying ownership of RIVERSIDE Tires at ANY PRICE. Note how much Ward's low prices, however, actually save you—and we feel sure your next tires will be these super-tested, 16,000-mile-guaranteed RIVERSIDES. Why not visit our store today—and see these astonishing tires for yourself?

NOTICE! Since the printing of THE SATURDAY EVENING POST of this week, which carries our Riverside Tire advertisement, prices have been reduced. The new prices are quoted above.

MONTGOMERY WARD & CO.

117 South Central Phone 286 Medford, Oregon

30,000-Mile-Guaranteed Super-Service RIVERSIDE		
30x3 1/2 o.s.o.	6-ply	9 8.65
29x4.40	6-ply	9.95
30x4.50	6-ply	11.35
29x4.75	6-ply	12.65
30x5.00	6-ply	14.45
31x5.25	6-ply	16.95
30x5.50	6-ply	18.10
33x6.00	6-ply	19.95
32x6.50	6-ply	21.00
32x6.75	8-ply	26.95

16,000-Mile-Guaranteed First-Quality RIVERSIDE		
30x3 1/2 o.s.o.	4-ply	55.00
29x4.40	4-ply	5.79
30x4.50	4-ply	6.59
29x4.75	4-ply	7.08
30x5.00	4-ply	8.49
31x5.25	4-ply	10.15
30x5.50	4-ply	10.59
33x6.00	6-ply	13.95
32x6.50	6-ply	15.25
32x6.75	6-ply	17.95

10,000-Mile-Guaranteed Standard WARDWEAR		
30x3 1/2 o.s.o.	4-ply	64.39
32x4 o.s.o.	4-ply	7.90
29x4.40	4-ply	4.08
30x4.50	4-ply	5.59
29x4.75	4-ply	6.59
30x5.00	4-ply	7.05
31x5.00	4-ply	7.25
31x5.25	4-ply	8.55
32x6.00	4-ply	10.70
33x6.00	4-ply	10.95



"My clothes budget had dropped to zero but . . ."

"My husband says I'm now a real partner in his new business! This is why . . . A year ago he left a good position to go into business for himself. To help, I dismissed the maid and did all my own work, including washing my nice things—and I invariably used Lux.

"What surprised me was how long I could keep clothes like new by always using Lux. Going over accounts the other day, I showed my husband that I hadn't had any new clothes for a whole year! He couldn't believe my clothes budget had dropped to zero! When I justly gave most of the credit to Lux for keeping things new looking so much longer, he said, 'Here goes Lux at the top of our economy budget.'" MRS. S. D. THAYER, 9 Ashland Ave., Buffalo, N. Y.

Greatest Groups of Experts insist on Lux

"For dollars and cents' reasons we insist upon Lux," says Hollywood's great Movie Studios, with million dollar wardrobes to care for! And every Musical Show in New York, Fifth Avenue Dressmakers, Buyers in 132 Leading Department Stores—experts on modern clothes—find "Lux doubles the life of fabrics, whether fragile or sturdy." Lever Brothers Co., Cambridge, Mass.

