

SCIENTISTS STUDY SUNBEAMS IN DRY AND DREARY SPOTS

WASHINGTON, D. C., Aug. 19.—Three young American scientific workers have just left Washington on a twelve thousand mile journey to take charge for three years of a unique "scientific observation post" in one of the loneliest spots in Africa. They are Louis O. Sordahl, Mrs. Sordahl, and A. G. Fritland. By way of New York, London, and Cape Town, they will journey to Mount Bruckner near Keetmanshoop, Southwest Africa, where the National Geographic society, and the Smithsonian Institute maintain a solar observatory. The object of the work at this station is to obtain accurate records of variations in the sun's heat as it reaches the earth. The records are sent to Washington and are there compared with similar records made at stations in southern California and Chile. Through these comparisons it is hoped that accurate weather forecasts can be made many months in advance. Already the figures disclose a steady rise and fall in the sun's heat over a period of a little more than two years—a cycle that is checked by variations in Europe's grain yield.

One of World's Driest Spots.
Before Mount Bruckner was chosen a search was made among the driest places of the Old World, including spots in Afghanistan, Morocco and Egypt. Mount Bruckner was chosen as the best available station because of the almost continual freedom of its atmosphere from moisture and dust, either of which affects the accuracy of the temperature measurements.

The station lies near the top of an arid mountain. All of the more delicate instruments are housed in an artificial cave to protect them from heat and from all light except the beams to be measured.
The station was established four years ago. The present staff consisting of Mr. and Mrs. Wm. H. Hoover, and E. A. Greeley will be relieved by Mr. and Mrs. Sordahl and Mr. Fritland. Mr. Sordahl, holder of a master's degree from Wisconsin University, has specialized in physics and for the past year was assistant at the Sun Observatory at Swarthout, California. Mr. Fritland has made a study of the complicated and delicate instruments and the mathematical methods used at the sun stations. Mrs. Sordahl will spend much of her time collecting insects, reptiles, and other mammals for the National Museum.
By automobile the Bruckner station keeps in touch over a rocky trail with Keetmanshoop, sixty miles away. It is from that town that mail and supplies are obtained. The South African Government has constructed a branch telephone line which connects the station with the government system. A powerful radio receiving set sent to the station by the National Geographic Society enables the staff to pick up broadcast programs from Pretoria, Johannesburg, and Cape Town, all about 800 miles away.

WOMAN RESURRECTS NEGRO SHOUT SONGS OF PLANTATION DAYS

ST. SIMONS ISLAND, Ga., Aug. 19.—For 17 years a woman has searched through settlements along the South Atlantic coast for true interpreters of what is becoming a lost art.

She was seeking singers of negro shout songs that were heard on southern plantations before the war between the states.

And after 17 years, Mrs. Max Field Parrish, wife of the artist and a resident of this island off the Georgia coast, has found negro children who can sing the songs.

When the artist and his wife established their winter home here twenty-two years ago, Mrs. Parrish found that there still was a trace of the old plantation songs of a century and a half earlier, in the singing of the present-day inhabitants of the island.

Although Mrs. Parrish made a careful study of her subjects, and the negroes on the island came to love her, she could not overcome their timidity at listening into the eerie plantation songs that their ancestors sang.

"I had given up all hope of ever hearing again the shout songs I enjoyed as a child," says Mrs. Parrish. "Then unexpectedly, a picked group of colored boys and girls, after my scolding them roundly, beamed up at me as they were told, followed their leader, Maggie Demmon, patting with their hands, tapped with their feet—as Maggie was doing—and showed that they had a feeling for rhythm after all."

Not so highly developed as the leaders, but with the right notes, and intoned, shortly they began each singing shouts as I had so loved beyond recall."

St. Simons Island was an ideal setting for the revival of the spirit of the plantation-day music. The civil war saw the old island plantations abandoned except for their little tracts. Here, away from the mainland, the negroes had little contact with the new music of the age.

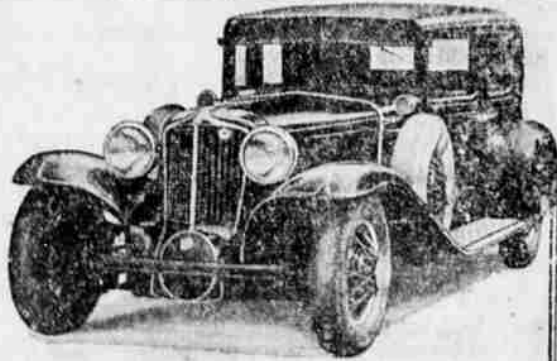
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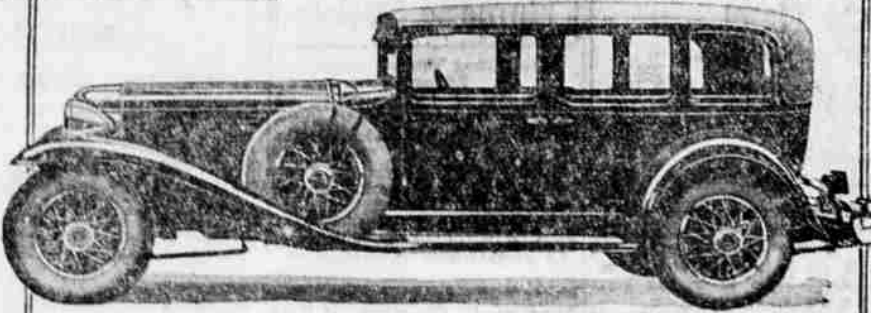
FIRST PHOTOS OF NEW CORD FRONT-DRIVE AUTOMOBILE



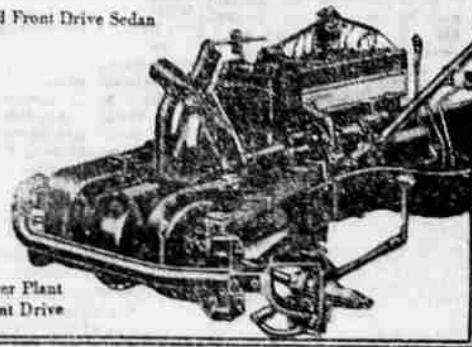
E. L. CORD, Pres.
Auburn Automobile Company



Front View Cord Front Drive Four Door Brougham



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'COCONUTS' COMING TO HUNT'S CRATERIAN

The "world's four funniest men," two of Broadway's greatest musical comedy favorites, groups of chorus girls in a swirl of entrancing dances and the tinsel living Berlin melodies make "The Coconut" coming to Hunt's Craterian Wednesday, the talking screen's first musical comedy sensation, a most surprising entertainment.

It's the same show that thrilled New York on the stage for one long year at \$8.50 a seat. It is all-talking, all-singing, all-dancing, all-entrancing. It is the first successful attempt to bring the methods of musical comedy to the screen at popular prices.

No trip to New York is complete without a Marx Brothers show. Last season it was "Animal Crackers." The season before it was "The Cocoanuts." Now "The Coconut" is coming here, with the wit-cracking Marx Brothers, complete their famous cracks and Oscar Shaw and Mary Lynn, both famous as Ringling Bros. stars, singing and making love in the romantic way.

The chorus work, especially interesting because of the unique camera angles from which it is shot, is beautifully performed by groups of Gaiety-Girls and Allen S. Power girls. A strong supporting cast includes Katherine Francis, Margaret Dumont, Cyril Ring, Basil Ruysdael and Sylvia Lee.

Irving Berlin, who wrote the music for the original show, added a special new theme song, "When My Dreams Come True" for the screen presentation and two exceptionally fine orchestral accompaniments the singing and dancing.

One of the newest productions, and therefore, one of the finest examples of the talking picture, is "Madness of Avenue A," starring Dolores Costello, and telling an absorbing story of the lives of two women, a mother and daughter, demonstrating as well the first serious effort at handling on the screen the story of a woman's life.

Appearing in support of Miss Costello are George Hickman, Louise Dresser, Otto Hoffman, Douglas Fairbank and Lee Moran.

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STUDEBAKER EIGHT COVERED 30,000 MILES IN 438 HOURS

An interesting parallel has been drawn by G. V. Myers, Studebaker-DeSoto dealer here, between the flight of the St. Louis Robin which recently established a new endurance record for aeroplanes by staying aloft more than 420 hours, and the record of the Studebaker President Eight, which traveled 30,000 miles in 428 hours, 46 minutes.

"I do not wish to disparage the flight of the St. Louis Robin, or to detract from the honor of those responsible for it," said Mr. Myers "but it is highly significant that the endurance record for motor cars which is held by the Studebaker President, is still superior to any record, either on earth or in the air, from the standpoint of average speed and hours of performance. The average speed of the Robin was approximately 60 miles an hour, while the President maintained an average speed of 68.4 miles per hour."

The importance of the record held by Studebaker is further emphasized by the fact that not one, but four fully equipped factory production cars each covered the 20,000 miles at 62.5 to 68.4 miles per hour. For one car to accomplish such a feat constitutes a very noteworthy achievement, but for four cars to establish such a record speaks volumes for the genius of the modern automobile engineer.

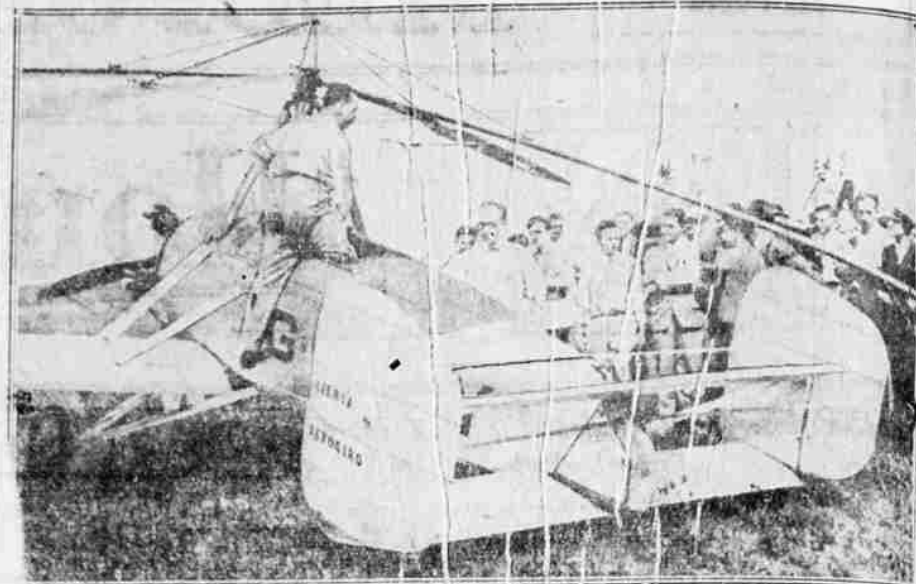
It has been calculated that in establishing the world endurance flight record, the Robin's propeller made approximately 22,000,000 revolutions. The total revolutions of each President motor was approximately 82,430,000; the total explosions in each President engine was 249,720,000; the total up and down travel of each piston, 43,522,000 feet; total number of times each valve opened and closed 31,215,000. These figures are so colossal they become hard to visualize. But their very vastness emphasizes the stamina of the President Eight which won and now holds 11 world, 22 international, and 115 American stock car records for speed and endurance.

COLLEGE LESSONS VIA AIR
CLEVELAND, Aug. 19.—Lecturers of WTAM may attend Baldwin-Wallace college at Berea, Ohio, this year by remote control.

Classes will be conducted over the air by the local station in conjunction with the college. Two semesters of work divided into 17 lectures each will be given. The subjects will be astronomy, chemistry, biology, physics, environmental education, English, history, public speaking and sociology. The lectures will require 11 minutes.

A Carnegie medal is sought for a four-year-old girl of McAllen, Texas, who saved a playmate from drowning.

SPANIARD INTRODUCES HIS AUTOGIRO TO U.S.



The invention of Juan de la Cierva, Spaniard, the autogiro shown above, has been brought to the United States for demonstrations. The inventor claims for it ability to take off or land in a much smaller space than an airplane and maneuver at much sharper angles in the air.

Hopkins Lateral Water Users

Vote Sept. 4th

Investigations by your committee show that by voting to form an irrigation district September 4th, we can cut the maintenance from \$6.50 per acre to not to exceed \$3.50 to \$4.00 per acre, saving all of us hundreds of dollars each year. We have everything to gain and nothing to lose.

Cut Your Maintenance

Polling place for those west of Bear Creek: Hanley depot, north of Howard school.

Polling place for those east of Bear Creek: Brookhurst orchard on Crater Lake Highway.

VICTOR BURSSELL,
MIKE HANLEY
DONALD S. CLARK
ROSS KLINE
FRANK E. UPTON
JOHN H. CARKIN,
Committee.

FALL CLEANING TIME



IS HERE

Have your home furnishings cleaned before you move or redecorate for the winter.

We do unexcelled work on curtains, drapes, blankets, rugs, carpets, etc. Send them to us now and they will be ready when you want them.

"We're Not Satisfied
Unless You Are"

City Cleaning & Dyeing Works

624 N. Riverside

Phone 474



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BODY
REPAIRS



FENDER
REPAIRS



BRILL
SHEET METAL WORKS
PHONE 418
109 EAST 8th ST.
MEDFORD ORE

There Is No Substitute for "Personal" Service . . .

Here, at the Community, you are assured PERSONAL service—graduate nurses are eager to serve you—to make you comfortable and feel "at home."

There is no substitute for this kind of service—it is just like being in your own home.

A hospital offers advantages, too, that are difficult to provide at home. The rooms are airy, the food is scientifically prepared under watchful eyes and nurses are constantly on hand.

A hospital offers this service at a cost more moderate, in many cases, than the charges of a first-class hotel.

Community Hospital