

# LONG EXILE OF SUN SCIENTIST NEARLY AT END

(Associated Press Science Editor) WASHINGTON (AP)—November will contain more than one Thanksgiving day for two scientists, the wife of one, and her little daughter, who will return to the United States after six years of almost continuous voluntary exile in studying the sun.

The inside rim of the desert cup-catcher of Mount Brukkaros, in the center of the Hottentot reservation of Southwest Africa, has been their home for three years and their workshop, the first solar observatory for the measurement of the sun's heat in the eastern hemisphere.

The scientists, whose places will be taken by L. O. Sordahl and A. G. Froidland, are W. H. Hoover, director, and F. A. Greeley, assistant director. Returning with them are Mrs. Hoover and Betty Jean, who was born four years ago while the Hoovers were stationed at a desert observatory in Argentina.

The Hoovers will forsake desert surroundings for the first time in six years to be in Washington, where Mr. Hoover will be attached to the astrophysical observatory of the Smithsonian institution. Mr. Greeley will be stationed at Table Mountain, Cal.

Five times daily, for the period of their isolation, the men have taken measurements of the sun's heat in the observatory placed by the National Geographic society and Smithsonian institution in the midst of the Hottentots.

Their readings, when linked with the figures from the two other Smithsonian observatories, in California and Chile, may be the key to make weather predictions in general terms for many months in advance.

The station they are leaving is 69 miles from Keetmanshoop, nearest white settlement of any consequence. The arid mountain rises several thousand feet from a broad plateau and their home, located in the cup-like top, was virtually inaccessible.

A steep rim on every side locked the station from the world except where a break some 50 feet wide drops over a 60-foot precipice to a dry stream bed. The approach to the mountain was by the stream bed until the scientists developed an easier path.

The successors to Hoover and Greeley are accompanied by Mrs. Sordahl, who will collect zoological specimens for the National museum.

# WILLYS-KNIGHT CARS IMPROVED

Automobile body designers of both custom and standard production cars are showing a marked interest in the new Willys-Knight Great Six which is now being shown throughout the country in showrooms of Willys-overland merchants. The interest of the experts has been aroused through the distinctiveness of these models which disclose an entirely new and original treatment of details.

Although the design of these new cars is not radical and keeps well within the bounds of refinement, yet the completeness of each detail is seen as a marked advance of previous body types.

For example, a side view of the Great Six Sedan shows that the straight horizontal lines have been almost completely eliminated. This has been accomplished through the treatment of the belt mouldings which curve up at the front and rear, blending nicely into the window frames. This is further accentuated by a curved moulding near the base of the body panels, which sweeps upward over the fowl and then curves forward again to terminate in a point on the center line of the hood. The forward portion of this line produces the effect of greater hood length. This treatment of the moulding is chiefly responsible for the carefully placed color combinations.

In these striking models, nothing has been left undone to make them, not alone the outstanding product of Willys-overland history, but to embrace a new standard of quality and style that would have a tendency to antidote previous conceptions of motor-car design.

The new Great Six line is comprised of a 5-passenger sedan, sport roadster with a roomy and comfortable rumble seat in the rear, coupe and five-passenger coupe.

# MISSOURI HAS LOWER GAS TAX

While 21 states increased the gasoline tax in 1928 and New York, Illinois and Massachusetts have imposed the levy for the first time, Missouri was the only state to take steps toward relieving through a constitutional amendment the burden on car owners by limiting to the present rates, for a period of 10 years, the gas tax of 2 cents a gallon and motor vehicle state license fees which average \$12.20.

The Missouri plan moreover sets another precedent besides limiting motor vehicular taxation in that it stipulates that all such motor revenues are to be expended exclusively for highway purposes and its significance becomes doubly impressive when considered that it is embodied in a constitutional amendment passed by 156,000 majority vote of the people of the state.

Highway engineers have estimated that present revenues will be amply sufficient to finance and complete a unified state road system as well as make many additions in the future.

This statement was issued today by National Headquarters of the American Automobile Association in the form of a warning to those legislators and politicians who seek to disregard the rights of motorists as a class of citizens and make them the object of almost unlimited taxation.

"Although Pennsylvania has taken steps to reduce the present gas tax rate of four cents a gallon to three cents, effective July 1, 1930, the action of Missouri stands in marked contrast to the tendency in other states," says the A. A. A.

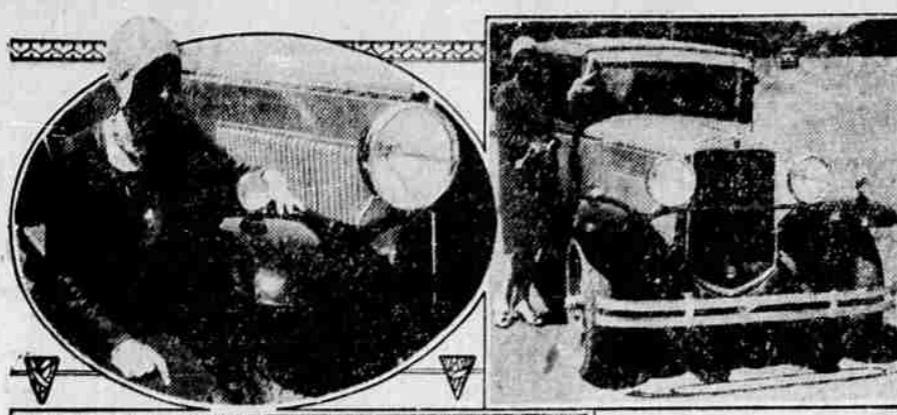
"There is no more pointed example of the way in which the tax burden on the car owner is being pushed to the limit than in the field of the gas tax. Ten years ago only three states had a gas tax of one cent a gallon, while today three states, namely, Florida, South Carolina and Georgia, impose a levy of six cents per gallon; eight states have a five-cent tax; twenty have a four-cent tax, nine collect three cents a gallon, seven states and the District of Columbia levy two cents a gallon, and the tax in Utah is three and one-half cents a gallon."

The National Motoring body pointed out that 67 per cent of the funds used for building state highways now comes from motor vehicle license fees and revenue from the gasoline tax, although none will deny that improved highways increase property values, as well as make for general prosperity.

The statement continues: "The Missouri plan was originated by the Automobile Club of Missouri, an A. A. A. unit, and in the campaign it secured the support of prominent men, other civic organizations and the press of the entire state. It clearly shows the part organized motordom is playing in the role of protecting car owners from unjust demands."

The Rev. Richard A. Von Call, of Atlanta plays 25 instruments.

# HUPP INTRODUCES NEW LOW-PRICED SERIES



On show this week for the first time at Hupp mobile showrooms throughout the country, are the new Huppobile Series S models, signaling the entry of Hupp for the first time into the \$1000 class. Two of the new 1930 cars, as striking in power and performance as in grace of line, are shown above. Upper left is a close-up of the new broad front fender, crowned by the latest type of parking light. Upper right is a front view of the standard sedan, wood wheel equipped. Lower shows the custom equipped sedan, featuring five wire wheels, spares set in front fenders.

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# Famous Pacific Crossings

WASHINGTON, D. C., Sept. 14.—"The passage of the Graf Zeppelin across the Pacific in 68 hours—the fastest voyage by any man-made mechanism over the greatest of the world's oceans—stirs memories of other historic events on the huge sea," says a bulletin from the Washington, D. C. headquarters of the National Geographic Society.

"The first white men to see the Pacific were Portuguese sailors who entered its western edge in 1512, pushing farther than Vasco da Gama, who blazed the trail around the south end of Africa and to India fifteen years earlier. But these early voyagers entered the waters of the Pacific without realizing the significance of the great ocean.

**Balboa Discovered Ocean in 1513**  
"The really romantic discovery of this great ocean by white men came from the new world sailor when Balboa stood on a mountain in Panama on September 25, 1513, and saw a vast expanse of water stretching away to the south and west. He called it the Great South Sea and modestly took possession of it all for Spain. Thus the Pacific has played a part in the activities of the western world, for only a little more than 400 years.

**Who first crossed the Pacific**  
Who first crossed the Pacific, and when, is not known. The broad waters were probably crossed far back in the dim beginnings of civilization on the earth for the peopling of the South Sea Islands and the great weird statues of Easter Island lead many observers to believe that the roving islanders continued on east to the Americas.

"The first crossing of the Pacific by white men came in 1520-21. Magellan sailed into it through the Strait that bears his name. November 28, 1520, and set sail westward. It was Magellan who gave the ocean the name by which it has ever since been known. One hundred and eight days after Magellan's ships entered the Pacific, they reached the Philippines. He had made a stop of only a few days at the Ladrones Islands. The sailing time of this first Pacific transit can therefore be set down roughly as 100 days.

**Spaniards Crossed Regularly in 80 Days**  
"The first teamship to ply Pacific waters was the Telson, which sailed from Panama to Guayaquil in 1825. It was blown up soon after its arrival at the latter port. Upon the discovery of gold in California in 1849, steamships rounded South America to San Francisco and established regular steamer lines between the harbors of Panama and

California ports. In 1862 the British sent a steamship around Africa to Hong Kong, and so into the waters of the eastern Pacific.

"Some of the early steamships plying on the west coast of the United States made the trip to Honolulu and after more or less lengthy stops steamed on to Asia. But up to 1867 no definite crossing on regular schedule had been made. A side wheeler put out of San Francisco on January 1 of that year and reached Yokohama in less than a month. Soon regular service was established between San Francisco and Yokohama on a twenty-two day schedule.

**Steamers Now Cross in Nine Days.**  
"By degrees this period has been cut down until a normal crossing is now made by steamship in two weeks or a little less. The fastest crossing by steamers has been between Yokohama and Seattle when highly valuable silk cargoes have been rushed across in less than nine days.

"In 1928 the huge airplane, Southern Cross, wrote a new chapter in the navigation history of the Pacific when she flew from Oakland, California to Brisbane, Australia, a distance of 7,500 miles, in 31 1/2 hours of flying time. This flight, however, was not non-stop. Stops were made in Hawaii and in the Fiji Islands, and nine days elapsed between the take-off in California and the landing in Australia.

"The record just established by the Graf Zeppelin divides the best competing record by three. This non-stop flight across the Pacific, virtually along the great circle route for steamships between San Francisco and Yokohama, was made in approximately 68 hours—a few hours less than three days."

# HEIRESS KIDNAPED BRITHER BELIEVES

FAIRFIELD, Cal., Sept. 21.—(AP)—Ney Wolfskill of Marshfield, Ore., brother of Miss Irene Wolfskill, Fairfield heiress whose body was found Thursday night after a two months' search, today expressed the belief that his sister had been kidnaped and then murdered.

"My sister did not die of natural causes, of that I am positive," Wolfskill said after concluding an independent investigation into his sister's death. "During the first few days of the search," he added, "I thought she had wandered away in the hills. But since the finding of the body I am convinced she was kidnaped and then murdered."

# TABLE ROCK SUNDAY SCHOOL ENTERTAINED

TABLE ROCK, Ore., Sept. 21.—(Special)—The Harmony H. Sunday school class was entertained at the home of Mrs. M. D. Lydard

last week. Thirteen girls were elected and refreshments present to enjoy the meeting. Of were served by Mrs. Lydard and Miss Grace. Officers for the ensuing six months: Miss Grace, Adele Hamilton, 14, of Marshall, Iowa, read 312 books in one year.

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# LABOR LACK DELAYS TALENT HAY HARVEST

TALENT, Ore., Sept. 21.—(Special)—Ben Webster has just finished putting in his last cutting of hay. Owing to the shortage of labor in this section haying has been somewhat delayed.

Mrs. Allison Ward returned home September 19, after a two weeks stay at the community hospital in Medford.

Noel Erskine, instructor in music, has again opened a studio in the high school building.

Mr. and Mrs. Oscar Brown and son, Edwin, and two daughters, Erskine and Elaine of Weiser, Ida, visited friends in Talent Thursday of this week.

Mr. and Mrs. Earnest Davis, former residents of Klamath Falls, who have been guests of Mr. and Mrs. Chas. Estes the past week, have left for Aberdeen to make their home.

# SHRINERS' CONCLAVE IN TORONTO ONTARIO

DETROIT, Sept. 21.—(P)—Nobles of the Mystic Shrine of North America will hold their 56th annual convention at Toronto, Ont., next June. It was announced here today.

The announcement was made by Circuit Judge Clyde L. Webster who is Imperial Captain of the Imperial council, governing body of the Shrine. Choice of the next convention city was not made at the convention at Los Angeles last June because a thorough investigation was desired, Judge Webster said.

Medford is the county seat and metropolis of the Rogue River valley and gateway to Crater Lake.



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