

King Salmon May Come Back To Interior Of California In Future

By DEVAN L. SHUMWAY
SACRAMENTO (UPI)—Someday the King Salmon may come back to interior California like they once did.

The state's Fish and Game Department is hoping so and plans soon to issue a progress report on one of a number of major projects which will restore much of the salmon water to the fish.

About 100 years ago there were 6,000 miles of spawning streams in the state's large Central Valley. This had shrunk to 520 miles by 1928—30 years ago.

Latest estimates place the streams accessible to the salmon at about 300 miles.

Why? A 1953 report on salmon said careless logging along the streams of the north coast area destroyed or impaired about 1,000 miles. Other miles were cut from the spawning grounds by mining, agriculture and the invasion of civilization.

California's salmon restoration program is starting in Chico Creek, where the Wildlife Conservation Board voted \$20,000 for providing an artificial means for the fish to head upstream to the spawning grounds.

This "Iron Canyon Barrier Bypass" is an experiment in conservation. It consists of about 14

small dams or weirs which create pools by which migratory fish can climb upstream. Sort of like a ladder.

The salmon run in Chico Creek reaches its peak in April and continues until June 1. The salmon lay over in the stream and spawn in the fall and then the small fry emerge from the gravel to start their downstream migration about Christmas time. The migration continues until March when it turns around and heads the other direction.

Construction of these ladders is about 95 per cent complete, but a spokesman warned that it may be some time before the final completion date.

The reason for this is simple: The state's Division of Forestry is doing the work with prison labor from the honor camp at Magalia in Butte County. The prisoners often are called off the job to fight fires.

The preliminary report, on the Chico Creek project made available to United Press International, points out that the creek originates in Chico Meadows in the north end of Butte County at a cool 4,500 feet, flowing southwest for 50 miles into the Sacramento River. The cool water is ideal salmon spawning ground and it's

combined with a gravelly stream-bed.

Years ago, Chico Creek supported "sizable" king salmon runs especially before the San Francisco earthquake. But the quake caused a rock slide in the Iron Canyon section which cut off access for salmon to almost all the spawning area because most of the deep holes where salmon spent the summer were above the slide.

The salmon get a one-two punch when they try to go up Chico Creek. First they hit a concrete slab

laid by the city in Chico in 1924 for the bottom of a swimming pool at Bidwell Park. The water is thinly spread over the concrete bottom and salmon get stranded there.

Next they come up to the Iron Canyon Barrier, about five miles upstream from Chico. The salmon jump futilely trying to raise over vertical falls which reach as high as 14 feet. Many of them are killed or injured but none make it.

The project will let them get above the falls and into 15 miles of "excellent salmon habitat especially suited for spring run fish," according to the report.

be able to spend the summer and spawn in the area above the barrier if it were opened to salmon traffic.

Moneywise, it's hard to say how much the project will mean. But in 1953, the marine fisheries branch of the Department of Fish and Game made a survey which indicated that each spawner contributed young salmon with \$17.50 for commercial fishery. (This would total \$52,500 on the basis of a run of 3,000 fish annually.)

There's another road block in the pack of Chico Creek reconstruction but it may not come for years—if ever. The California Water Plan proposes construction of a 145-foot dam across the creek about two miles below the Iron Canyon Barrier.

But Myer Samuel, Water Resources Department senior hydraulic engineer, said construction of the dam was "many years" away. He advised the Fish and Game Department not to hold up

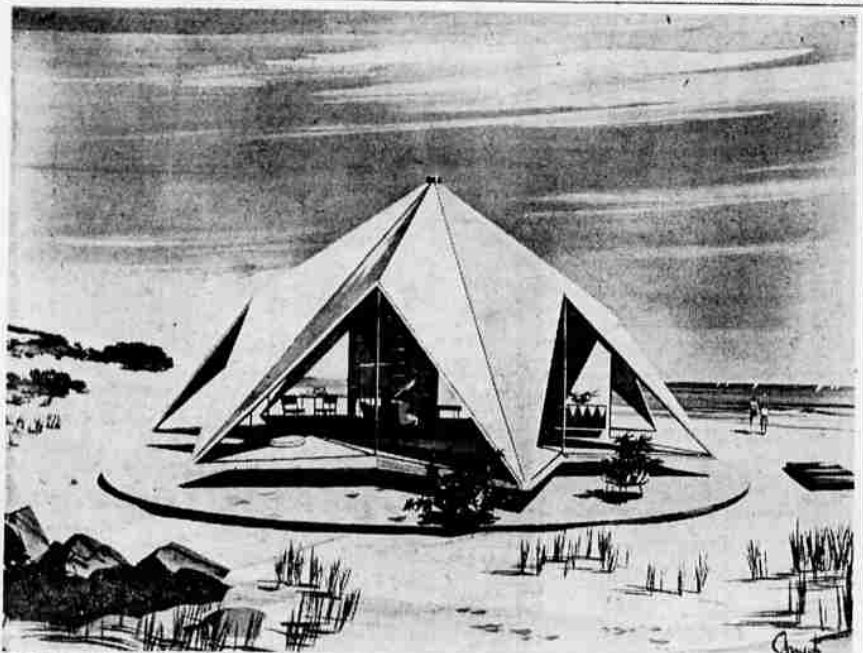
stream improvement plans because of it.

If the bypass works, it will be tried elsewhere and eventually this system may restore the salmon to the Central Valley.

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TOMORROW'S HOUSE FOR SALE NOW—First public announcement of the availability of the Forecast beach house, created for Aluminum Company of America, was made at the Los Angeles Home Show in mid-June. The home is now being offered for erection anywhere in the country. Designed by Robert Fitzpatrick of Harrison and Abramovitz, the home was originally intended solely as a stimulus to designers.
—Photo by Aluminum Company of America

Aluminum Beach House Now Available To Those Seeking Ultra-Modern

PITTSBURGH, Pa. — An aluminum beach house of tomorrow may be built and lived in today, thanks to widespread popular interest in the futuristic dwelling.

A unique metal and glass structure featuring a star-shaped floor plan, the luxury residence was introduced last year by Aluminum Company of America as part of its Forecast collection of outstanding designs for the future.

But the structure aroused such interest in its immediate availability that Alcoa now has arranged for its fabrication and erection anywhere in the United States.

Designed by Robert Fitzpatrick of the famous architectural firm of Harrison and Abramovitz, the 1,330-square-foot structure currently is priced by builders in the \$25,000-and-up range. These quotations have covered fabrication and complete installation on the owner's lot. Construction would be by local general contractors.

While a number of fabricators have expressed interest in producing the beach house as demand

develops, the first firm to announce its readiness to do so is Aluminum Structures, Inc., Bridgeville, Pennsylvania.

Alcoa will not manufacture the dwelling but will supply aluminum to Aluminum Structures and other fabricators.

The beach house initially was not intended for today's market, but was created as a stimulus to the design of similar aluminum applications in the years ahead.

However, as models were displayed at home and architectural shows following its unveiling in May, 1957, enthusiasm for the beach house as a contemporary dwelling prompted numerous inquiries.

The exterior walls of the structure are made up of eight matching triangular sections of aluminum and glass, engineered around a central aluminum column. Three sleeping rooms, a dressing room, kitchen, and living-dining area make up the circular floor plan.

One concept, not planned for immediate availability, calls for

the central column to be mounted on a turning mechanism so the entire beach house can move with or away from the angle of the sun.

Potential purchasers of the Forecast home should make inquiries through local Alcoa sales offices, or by writing to Aluminum Company of America, 746 Alcoa Building, Pittsburgh 19, Pennsylvania.

Fruit Cake Survives 15 Years In Mails

MONONGAHELA, Pa. (UPI)—Fifteen years ago, the Monongahela Businessmen's Association mailed a fruit cake to one of its hometown soldiers stationed at Fort Custer, Michigan.

But the soldier, Leroy Gibson, left for the Pacific before the cake arrived. The cake followed him to various Pacific bases but never quite caught up with him.

Recently, the cake arrived at the home of Mr. and Mrs. Gomer A. Gibson, the soldier's parents. His mother reported that "it still looked fresh."

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