

Mysterious Micronesia Opened For Scientists By War And Atom Tests

ABOARD FLAGSHIP MT. MCKINLEY, Bikini, June 25 (AP)—American scientists are getting their first look at Micronesia, thanks to World War II and the atom bomb tests.

The Japanese kept closed the doors to this empire of little islands during the long years of their rule in this part of the Pacific. Natural history, oceanography and the kindred subjects were to the Japanese secrets to be kept as closely as fortifications.

Defeat of Nippon opened the doors. Selection of Bikini atoll, in the Marshalls, for the bomb tests required the presence of atolls.

The setting of the tests required expert advice on coral matters as the structure of coral atolls, fish, bird and insect life,

plants, and ocean currents. The bomb testers want to estimate what will happen to Bikini atoll when the blasts shake its islands and reef, and how far the bomb blast and radioactive poison will reach.

Debate on Atolls

A corps of scientists, including Cmdr. Roger Ravelle of the Scripps Oceanographic Institution of La Jolla, Calif., and Dr. Ralph Sawyer of the University of Michigan, hope that studies made in connection with the bomb tests will settle debate over the structure of atolls—whether they are coral caps to old volcanic cones or are built up on a slowly subsiding base of rock upthrust from the sea bottom.

Observations at Bikini by the survey ship Bowditch show this atoll is a shallow saucer, not more than 180 feet deep at any point, fringed with small islands and a chain of coral reefs and sand caps. The outer edge of the atoll ends in an abrupt drop into about 600 feet of water, a submarine precipice. Then the wall of the atoll angles outward at about 45 degrees, continuing downward until a depth of approximately 12,000 feet of water is found at five miles offshore.

Havelle thinks the underwater bomb blasts may shake away coral at the tip of the atoll in small landslides extending perhaps 500 feet along the edge. This prospect is made more likely by the fact that this section of the Pacific is free of earthquakes which elsewhere in the world tend to settle rock masses and fortifications.

May Kill Coral

The bombs may make a dead reef of the now living coral atoll of Bikini. The scientists think it possible that radioactivity, contaminating the water in and outside the lagoon, can kill the animals and plant organisms and thus destroy the life cycle that builds up the reef.

At Bikini have been discovered several new or rare marine plants, among them a green water plant called tydemannia. Dr. W. R. Taylor, University of Michigan botanist, said the plant had been seen only on one previous occasion—in the Dutch East Indies at about the turn of the century. Scientists report that an important element in the structure of the reef is a rock-like water plant, lithothamnion, which calcifies as it grows and becomes part of the coral formation.

Dr. Schultz does some of his census-taking through use of a paralyzing vegetable poisoning. He pours some in the water, the fish settle to the bottom in a dazed condition and the doctor goes down with a diving mask to look them over. It sounds easy until one looks at the pounding waves that surge in over the knife-edge coral where the fisheries experts wade and dive.

Officials said the current pest control experiment which will require three months, is the first attempted with a helicopter.

Helicopter Use

YAKIMA, June 25 (AP)—Already groomed in tests as a crop-duster, Bell Aircraft corporation's helicopter is going to get a trial as a "mountain fire engine."

Frank H. Kelley Jr., of the Bell corporation said he had invited Herman Pullin, president of Central Aircraft company of Yakima to use the helicopter to experiment with a new powder extinguisher which he said to smother large brush fires.

The forest service will conduct the experiment July 10 on the side of a mountain near Naches.

Officials said the current pest control experiment which will require three months, is the first attempted with a helicopter.

Judge Douglas Comes To Oregon For Visit

LA GRANDE, June 25 (AP)—Associate Justice William O. Douglas of the United States supreme court and his family have arrived in the Wallawa country to spend the summer vacation at their home on the south fork of the Lostine river.

Justice and Mrs. Douglas and their two children, Mildred and William, reached Grande Ronde valley yesterday afternoon to visit relatives for several days before leaving for their summer home.

George's CABINET and FIXIT SHOP

164 E. Main
Phone 7261

• Cabinets Made to Order
• We Repair Anything
George E. Conroy, Owner

DANCE
—Dorris, Calif.—
SATURDAY NIGHT
Music by Local Orchestra
Admission 60c Person

SEWING MACHINE REPAIRING
Expert, Guaranteed Work
Reasonable Prices—Free Estimates
Sewing Machine Service
Your Independent Dealer
Phone 6711 3218 Shasta Way

Easy Home Method FOR PILES

Thousands of sufferers from the torturing pains due to simple piles are grateful over their discovery of HEMEX. This marvelous triple-action formula quickly relieves the mounting pain and itching. HEMEX coats piles with soothing, protective medicine. Really works fast. Must give relief in three treatments or your money back. Don't suffer another minute. Get HEMEX Ointment or suppositories from your druggist today on this positive guarantee.

Sold at All Drug Stores

Chemical Fire Extinguisher



Dugas, a chemical used to put out gasoline and oil fires, was demonstrated by the fire department, which plans to install the extinguisher.

Barbecue Will Welcome Film Stars In Portland

Determined to out-Hollywood Hollywood when the movie clan descends upon Portland for the world premiere of "Canyon Passage" here July 13, the Oregon Advertising club committee sponsoring the event, today launched plans for a monster western-style barbecue to welcome the visiting filmland celebrities.

The barbecue, according to Carl Werner, general world premiere chairman, is one of many lavish civic events calculated to acclimate such visitors as Joan Bennett, Walter Wanger, Susan Hayward and a bevy of feature writers and columnists to western hospitality, Oregon-style.

The bombs may make a dead reef of the now living coral atoll of Bikini. The scientists think it possible that radioactivity, contaminating the water in and outside the lagoon, can kill the animals and plant organisms and thus destroy the life cycle that builds up the reef.

DR. M. C. CASSEL
Chiropractic Physician
233 SO. 11th ST.
PHONE 5609

Attend Klamath Rodeo July 4 through 7

WESTERN BOOTS

Be correctly dressed at the rodeo in boots by these famous manufacturers.

- * Nocona & Stewart
- * Olsen-Stelzer
- * Hyer & Westex
- * Acme

13.25 to 42.50

Drew's Manstoll
733 Main

1942 Pontiac Leaving Klamath Falls for Los Angeles

Wed. or Thurs. Can take 3 or 4 passengers. References exchanged.
2424 Beatty St.—Mt. View Housing Project

Next time, try the CASCADE and sleep to California!



You'll be in San Francisco for lunch!

We are confident that you will enjoy your trip on the Cascade. While it is very fast, it is also smooth-riding and home-like. A solid Pullman train, it carries two dining cars and comfortable beds to sleep in. Its lounge car has been tastefully redecorated.

The Cascade is now on the fastest schedule in its history. You leave Portland at 4:50 p.m. and arrive in San Francisco 11:20 next morning. Through Pullmans leave Seattle at 12:01 noon. Convenient connections from all other Northwest points.

Next time, try the train to California and have a comfortable trip all the way. There is plenty of room now for business and pleasure travelers.

Your nearest railroad agent will be glad to arrange for reservations and tickets on the Cascade.

S-P
The friendly Southern Pacific
LLOYD STITT
District Freight and Passenger Agent
Ticket Office, Phone 3111

Firemen Show New Technique

The use of Dugas, a chemical fire extinguisher used principally on gasoline and oil fires, was demonstrated Friday afternoon before a group of mill, garage and oil company representatives by the Klamath Falls fire department. The fire department is planning to install three of the chemical extinguishers on trucks with permission of the city council.

Although the new chemical has been on the market for several years, it has not been used by the fire department because of the war.

Dugas is a white powder composed of magnesium-sterate and common baking soda. It acts as a smothering agent when sprayed on an oil fire and extinguishes it in a few seconds. One of the features of the chemical is that it will not mix with water, and once a fire is put out, it remains out.

CANVAS DAMS

15-oz. white canvas
Pre-war quality—
No Seams Except
Sewd Loops on Top

HOWIE BROS.

2313 S. 6th Phone 4362

HELP, POLICE
SPOKANE, June 25 (AP)—John A. Scott, candidate for the democratic nomination for Spokane county sheriff, offered a \$50 reward for the arrest and conviction of thieves who stole three of his hand-painted campaign signs.

The would-be sheriff says he has no clues.

BLUES CLOTHES DAZZLING WHITE!

BLU WHITE

Only 10¢

• No more bluing streaks
• Add these blue flakes when you use your regular soap
• No extra bluing rinse

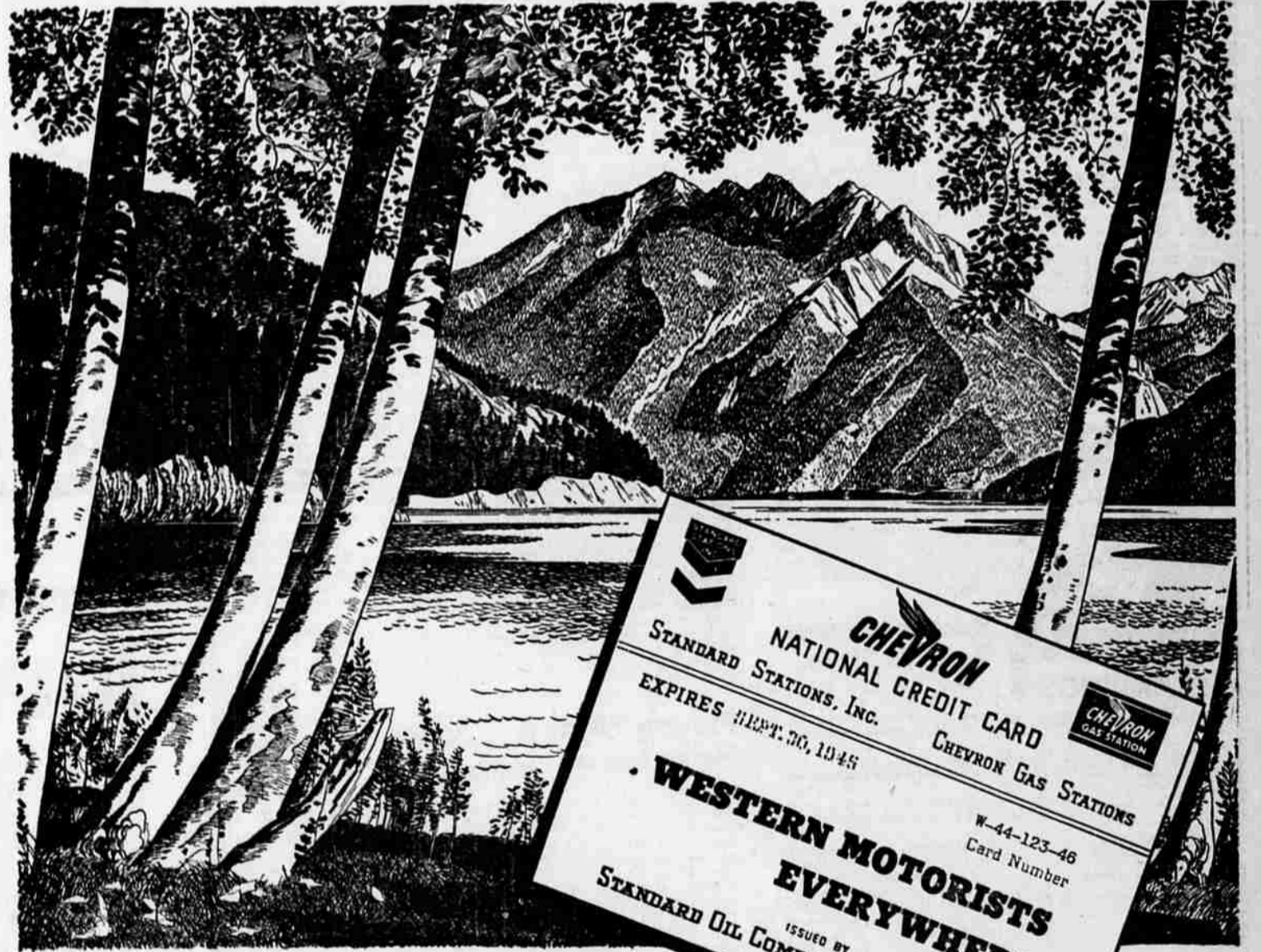
If your dealer does not have BLU-WHITE yet, remember—it's new! Keep asking for it!

Bunting

Bearing Bronze Bars

Completely machined—save about 50% of machining time and 25% of purchased metal as compared with rough cast bars. Available from stock in many sizes, both solid and tubular. Ask for Catalog.

KLAMATH MACHINE & LOCOMOTIVE WORKS
MILL SUPPLY DEPT.
Klamath Falls, Oregon Phone 5141



Three ways a Chevron Credit Card can make your trip more fun



Sure you didn't forget anything? Turn off the lights and gas stove? Got your Chevron National Credit Card? Don't forget that; it'll be a life-saver if you run a little short of cash along the way. And here's something else that's worth remembering...

Chevron National Credit Cards are not only good as gold for car supplies and services at Chevron Gas Stations and Standard Stations all through the West, they're honored all through the rest of the United States—and in Canada, too.

So, save yourself the trouble of carrying a lot of extra cash on your trip, lump your car expenses into one, convenient monthly bill—carry your Chevron National Credit Card when you travel, and use it at home, too.

Apply for your Chevron National Credit Card at
CHEVRON GAS STATIONS AND STANDARD STATIONS, INC.