Experiment With Earth Resistivity Equipment Held

Philadelphia (Science Service) — An experiment in archaeological exploration with earth resistivity equipment, generally used by highway engineers for determining subsoil conditions, has just been completed in Mexico.

Dr. Matthew W. Stirling, research associate of the Bureau of American Ethnology of the Smithsonian Institution, Dr. Froelich Rainey, director of the university museum, University of Pennsylvania, here, and Matthew W. Shirling Jr. report in the current issue of Expedition on the work that was done in the region, Cerro de las Mesas, 40 miles south of the city of Veracruz.

Man-Made Mounds

This region contains a number of large groups of man-made mounds. It is apparent from the sizes of the mounds and the amount of labor that went into building them that this area was one of the most densely populated and highly civilized in the New World more than a thousand years ago.

The instrument used by the archaeologists in their explorations, the Michimho, is an earth resistivity instrument manufactured by Associated Research, Inc., in Chicago. It measures the electrical conductance of the soil to a depth of about 90 feet. It is portable and weighs 25 pounds.

The Michimho is connected by four wires to four metal pins driven into the ground at equal intervals along a straight line.

An alternating current passes between the two outer pins and a voltage is thereby induced across the two inner pins giving a measure of the average electrical conductance of the soil between these two pins to a depth equal to the space between them.

If the pins are set three feet apart the average conductance of the soil is measured between the two inner pins from the surface to a depth of three feet.

The scientists first tested the instrument on some stone monuments found in 1941 that had been reburied. These were used because it was known that solid stone has practically no conductance, and this should register on the instrument.

After taking readings, both around the monuments and away from them, the scientists found that the buried stone monuments did give a lower conductance reading. However, the difference in the readings between spots close to the stone and away from the stone varied as the pins were moved closer together or farther apart.

No Conclusive Proof

After hundreds of measurements, the authors state there is no conclusive proof of the method. Although many objects were found, others may have been missed. However, given a large enough mass of stone and the most favorable spacing of the pins, it is certainly possible to locate such objects.

Although the purpose of the work was to test the resistivity equipment, some archaeological finds were made. Artifacts in the form of offerings were found in the trenches dug by the scientists in the mounds.

In many of the trenches, burials were found without accompanying materials as if they themselves were offerings. This seems to confirm the belief, suggested to the archaeologists by earlier finds on the site, that human sacrifice was practiced by the ancient people who built the mounds.

Measurement of Fallout Speeded

New York — (Science Service) — Strontium-90 can be measured more accurately now by means of a new chemical extraction method described here by chemists of the Argonne National Laboratory, Argonne, Ill., attending the 138th national meeting of the American Chemical Society. Strontium-90, produced in nuclear explosions, is one of the most dangerous elements in fallout. It is a known cause of leukemia and bone-cancer and if often referred to as the "bone-seeker" because, like calcium, it tends to seek the bone in men and animals. The new process developed at Argonne makes it possible to separate strontium and calcium, thereby improving the accuracy in assaying strontium-90 content in soil and elsewhere. It may contribute to precise measurements of world-wide strontium-90 distribution. G. W. Mason, D. F. Peppard and Sonia McCarty of Argonne's Chemical Division developed the new method under research sponsored by the Atomic Energy Commission.

SAFEWAY

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FACIAL TISSUES 5 boxes of 400 99c

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"POOCH" DOG FOOD 16 1-lb. cans $1

Frozen Strawberries Bel-air, premium quality sliced and sweetened 6 10-oz. pkgs. $1
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HAMS

Del Monte "Sweetheart" or Morrell's "Chef". Fancy, de-fatted hams.

Hunter's special. Sugar-cured, with deep-smoked flavor. Easy to carve, Safeway guarantees you complete satisfaction.

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Standing Rib Roast	"USDA CHOICE" aged beef. Safeway's superior trim means more value—makes carving easy.	lb. 79c
T-Bone or Club Steak	"USDA CHOICE" beef. Scientific aging, brings out peak tenderness and flavor.	lb. $1.09
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Boneless Top Sirloin	A truly delicious, waste-free steak. "USDA CHOICE" aged beef.	lb. $1.29
Boneless Corned Brisket	"USDA CHOICE" beef. Serve it with cabbage for a hearty meal.	lb. 69c
Beef Short Ribs	Cut from the same "USDA CHOICE" beef as more expensive steaks and roasts.	lb. 29c

CAPTAIN'S CHOICE—Frozen **SCALLOPS** Breaded and ready to deep-fry. No finer quality at any price. 7-oz. pkg. 39¢

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FOLGERS COFFEE 1 lb. tin 55c 2 lb. tin $1.09 Limit 2 lbs.
Hunter's Specials! Finest Coffees at Greater Savings!

Edwards RICH & ROBUST Vacuum pack. More good cups per lb. Reg., drip or fine 2-lb. tin $1.05 4-lb. tin $2.09 1-lb. tin 53c
Nob Hill LUXURY BLEND Whole bean freshness. Never ground until you buy it. No finer coffee! 2-lb. bag 99c 1-lb. Bag 50c
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SLAB BACON Hunter's Special! Whole or half slabs. Lean streaked, mild flavor, sugar cured. lb. 45c
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German Choc. Cake 1.25
25 Gold Bond Stamps with Each Cake
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CAULIFLOWER! Firm, compact heads. Snowy-white curds. Selected right in the fields by our skilled buyers. Excellent quality. Creamed cauliflower is always a welcome treat! lb. 10c

Hunting Season Specials

Red Delicious Apples	Extra Fancy	lb.	19c
No. 1 Russet Potatoes	Economy Pack	10-lb. bag	59c
Yellow Onions	U. S. No. 1 Denvers. Excellent quality. Grand with meat stews	3-lb. bag	19c
Sweet Corn	Northwest crop. Excellent quality Tender, milky kernels. A top buy!	5 ears	29c

CUCUMBERS Local crop. Smooth and firm. Glossy, dark green color. A salad favorite. ea. 5c

PORTER'S Elbow Cut **MACARONI** 24-oz. pkg.; Lge. Elbow-cut Macaroni, 22-oz. pkg.; Elbow or Long Spaghetti, 24-oz. Coil Spaghetti, 22-oz.; Flat or Fine-cut Noodles, 1-lb. pkg. Your Choice MIX 'EM or MATCH 'EM 3 pkgs. for $1

LUCERNE Prize-winning **COTTAGE CHEESE** Finest quality money can buy. Choose from 5 great varieties. Quart Ctn. 49c ½ Gal. 98c Pint Ctn. 25¢

Libby's **HARVEST of VALUES** Featuring the famous Libby family of fine foods, including NEW Libby items now on the shelves at your neighborhood Safeway store.

Tomato Juice The Libby folks pick their tomatoes at the very peak of flavor goodness. Your first taste will tell you what a wonderful difference this makes! This weekend, Safeway brings you a sensational savings on this family favorite. Regularly 29c a can. 6 46-oz. cans $1

Libby's Vienna Sausage	Hunter's special! Hardwood smoked	5 4-oz. cans	$1
Libby's Potted Meat	The leaner meats go into Libby's. Hunter's special.	5 No. ½ cans	$1
Libby's Cut Green Beans	Garden-fresh flavor! Sweet as summer	5 303 cans	$1
Libby's Garden Peas	Young, sweet and tender Fancy small sieve peas	5 303 cans	$1
Libby's Kernel Corn	Tender, young kernels. Famous Libby quality	5 303 cans	$1

MIX 'EM OR MATCH 'EM AT THIS ONE LOW PRICE!

Corned Beef Hash Hunter's Special Made with Lean Beef 24-oz. Can 59c
Fruit Cocktail Libby Quality is the Tops. Flavor Perfect! 4 303 cans $1

Minted Pineapple	No. 2 can	39c	Red Salmon	Libby packs the finest	No. ½ can 69c
Pear Halves	Fancy Bartletts 4 No 303 cans	$1.00	Beef Stew	Hunter's special Ready in minutes	24-oz. can 53c
Apricot Nectar	2 12-oz. can	29c	Corned Beef	Hunter's special no gristle	12-oz. can 59c
Libby's "Vim"	Vegetable cocktail	32-oz. can 29c	Chili Con Carne	With Beans	24-oz. can 49c
Spanish Rice	Libby quality 5 5½-oz. cans	$1.00	Spaghetti	and Meat Balls. Hunter's Special	24-oz. can 43c
Cream Corn	Look to Libby's for the finest 5 303 cans	$1.00	Chili-Spaghetti	2 in 1 meal	24-oz. can 53c

Safeway Weekend Specials to Tempt Your Sweet Tooth!

FARMINGTON Giant-Size 10-ounce **Milk-Chocolate Bars** 3 bars for $1
Deer Hunter's special. Pack 'em along for quick energy. Plain or Almond.

Roxbury Lemon Drops or Mint Lozenges, 11-oz. pkg., Burnt Peanuts, 8-oz. pkg., or Butterscotch Balls, 9-oz. pkg. 3 pkgs. for 79¢

Caramel Apple Rolls Our "Curtsy" pastry feature for this weekend. Made from the finest of ingredients. Guaranteed always fresh. pkg. 45¢

Prices in this advertisement are effective through Sunday, October 2, at Safeway in Medford. We reserve the right to limit quantities. No sales to dealers.

SAFEWAY

Styled-to-Slim

Make a smart impression on everyone, everywhere you go! Side-swept buttoning creates a tall, slimmer look — wide collar focuses eyes above the waist.

Printed Pattern 9298: Half Sizes 14½, 16½, 18½, 20½ 22½, 24½. Size 16½ requires 3½ yards 35-inch fabric, ⅝ yard contrast.

Send FIFTY CENTS (coins) for this pattern — add 10 cents for each pattern for first class mailing. Send to Marian Martin, Medford Mail Tribune, Pattern Dept, 232 West 18th st., New York 11, N.Y. Print plainly NAME ADDRESS with SIZE and STYLE NUMBER.

New! Send now for our 1960 Fall and Winter Pattern Catalog — every page in exciting color! Over 100 styles for all sizes, all occasions plus school . . . 35 cents.

TELLER PROVIDES CLUE

San Jose, Calif. — UPI — An armed bandit locked three persons in a vault at the Security Savings and Loan Co. Wednesday and escaped with $3,200. But police received a clue to his identity when teller June Ladd, an amateur artist, sketched a likeness of the man.

REAL MAN THIEF

Charles City, Iowa — UPI — A burglar added insult to injury Wednesday when he stole $6 from the Floyd County Democratic party headquarters, then painted the name "Nixon" in two-foot-high letters across the front of the building.

LEGAL NOTICES

NOTICE

NOTICE IS HEREBY GIVEN that the Circuit Court of the State of Oregon for Jackson County has appointed me as administratrix of the estate of Leonard Murry Hopkins, Deceased, and all persons having claims against said estate are required to present the same with proper vouchers duly verified, as required by law, within six months from the date of first publication of this notice, to wit, to Robert E. Fisher, P.O. Box 519, 28 North Oakdale, Medford, Oregon.

Dated: September 13, 1960

Bessie E. Goin, Administratrix of the Estate of Leonard Murry Hopkins, Deceased.

No. 59-618-C
SUIT FOR DIVORCE
SUMMONS

IN THE CIRCUIT COURT OF THE STATE OF OREGON FOR THE COUNTY OF JACKSON

SADIE LOIS COOPER, Plaintiff,

vs.

GILBERT WAYNE COOPER, Defendant.

TO: GILBERT WAYNE COOPER, the above named defendant:

IN THE NAME OF THE STATE OF OREGON: You are hereby required to appear in the above entitled court and cause and answer the complaint on file therein against you within four (4) weeks from the date of the first publication of this summons and if you fail to so appear and answer, for lack thereof, the plaintiff in the Court for the relief demanded in her complaint, to-wit: For a decree of this court, forever dissolving the contract of marriage heretofore and now existing between plaintiff and defendant, and awarding the plaintiff the custody the minor children born of this marriage.

This summons is published by order of the Honorable Edward C. Kelly Judge of the Circuit Court of Jackson County, Oregon, made and entered on the 6th day of September, 1960, and the time prescribed for publication of this summons is once each week for four consecutive weeks.

Dated this 7th day of September, 1960.

STANLEY C. JONES, Jr.
of Attorneys for Plaintiff
104 Flubner Building
P.O. Box 587
Medford, Oregon

NOTICE TO CREDITORS

IN THE CIRCUIT COURT OF THE STATE OF OREGON FOR JACKSON COUNTY

PROBATE DEPARTMENT

In the Matter of the Estate of Elizabeth Bates, deceased.

NOTICE IS HEREBY GIVEN that I have been appointed Administrator with the Will Annexed of the above estate by an Order made and entered in the Probate Court. All creditors having claims against said deceased are hereby notified to present the same, duly verified and with proper vouchers attached, to me at the office of Roberts, Kellington, Branchfield & Heffernan, 211-U.S. National Bank Bldg., Medford, Oregon, within six months from the date of this notice.

Dated and first published at Medford, Oregon, this 15th day of September, 1960.

George M. Roberts
Administrator with the Will Annexed