

10% DISCOUNT ON MEATS AT SAFEWAY...



Fossils Found in Ancient Rocks of Southern Australia

New York, N. Y. (Scientific American Feature)—Fossils of animals that thrived in the earth's dimly past as long as a billion years ago have been discovered in the ancient rocks of southern Australia. The find may lead to experimentation that could open a new chapter in the story of evolution, according to Martin F. Glaessner, a geologist at the University of Adelaide in South Australia.

"The long history of organic evolution," says Dr. Glaessner, "is written in the fossil record, with chapters delineated by layers of sedimentary rock laid down on the earth's crust through the vast span of geologic time. Such fossils set the last 60 million years apart as the Cenozoic era, the age of mammals. The next lower strata contain the 100-million-year history of the Mesozoic, the age of reptiles. Before that comes the still longer record of the Paleozoic, which leads back through the age of amphibians and fishes to the age of the invertebrates. Here geologists reach the bottom of the Cambrian layer.

Two Policewomen Guard Japan's Princess Michiko

Tokyo — One — Something new has been added to the royal household of Prince Akihito and Princess Michiko. Two police women are now maintain an around-the-clock guard on the pretty princess, a commoner who broke centuries of Japanese tradition when she married into the Imperial family in April, 1980.

It was the first time in Japanese history that women bodyguards have been assigned to the royal household.

Reasons for their appointment were not disclosed, but it was known that some officials were worried over incidents of political terrorism in Japan.

Although Michiko is extremely popular among the Japanese people, it apparently was decided not to take any chances.

Assigned to the royal beat were the Misses Shigeko Sakurai, 37, and Kanako Fujii, 35, both 18-year veterans on the Tokyo metropolitan police force.

Appearances Deceiving

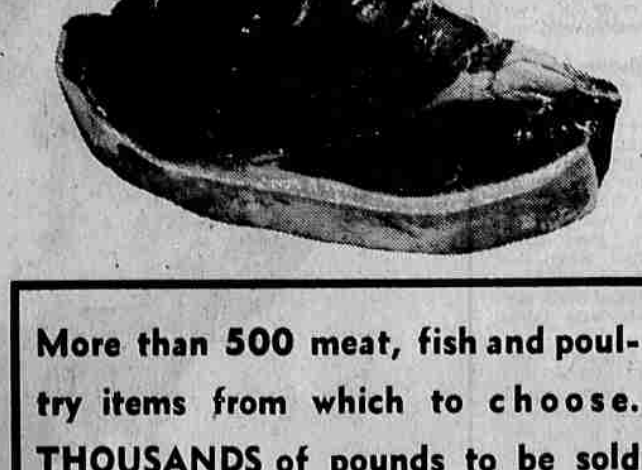
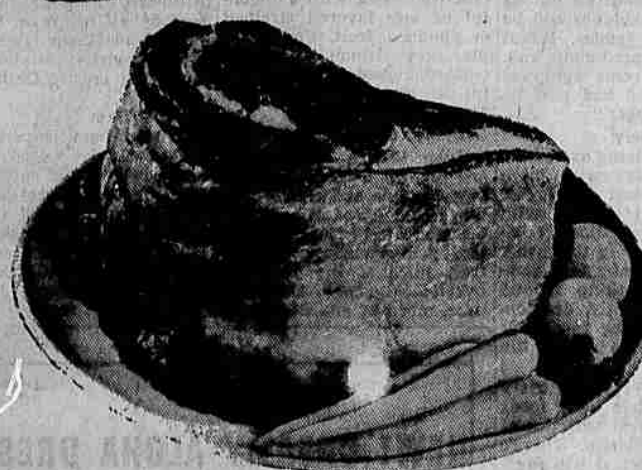
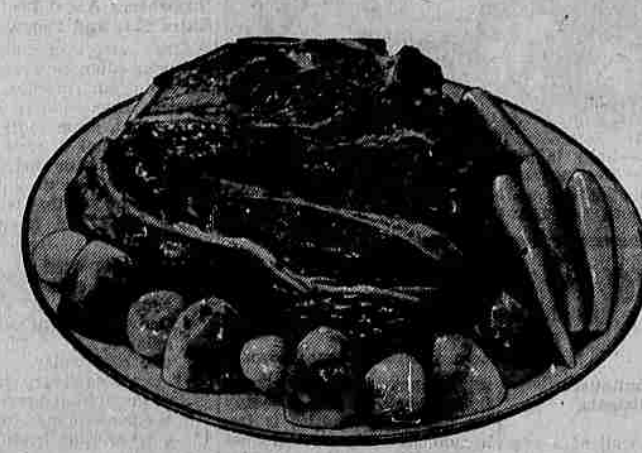
The two bespectacled policewomen look more like school marmas. But a police spokesman warned that appearances could be deceiving.

"They both are judo experts, judo and can hit a beer bottle with their pistols from 30 feet," he said.

"The assignment requires them to sacrifice themselves in an emergency," the spokesman said. "The two officers will do so if they have to."

"The age of the fossil-containing rocks cannot be determined directly in years because they do not contain radioactive minerals suitable for dating. But, fortunately, in the Ediacara Hills rock strata, fossils can be followed upward in unbroken sequence until the first undoubtedly Cambrian fossils are reached in dolomite limestone 500 feet above the Pre-Cambrian level.

"These most ancient animals of the Pre-Cambrian era had no shells. How, then, were they preserved? They appear to have come to rest on clay and on the mud flats of beaches. High tides and strong currents then covered them with sand. The lower surfaces of such sandy layers preserved the clay surfaces as perfect casts. These have now been



- DUCKS
- CHICKENS
- TURKEYS
- GAME HENS
- LAMB CHOPS
- LEG OF LAMB
- LAMB ROAST
- CANNED HAMS
- PORK CHOPS
- PORK ROASTS
- SPARERIBS
- SAUSAGES
- SLAB BACON
- SLICED BACON
- SMOKED HAM
- LIVER
- GROUND BEEF
- BEEF STEW
- T-BONE STEAKS
- SIRLOIN STEAKS
- FILLETS
- SWISS STEAK
- ROUND STEAK
- RUMP ROAST
- RIB ROAST
- RIB STEAKS
- CUBED STEAKS
- FRANKFURTERS
- LUNCH MEATS
- SALAMI
- FRESH FISH
- FROZEN FISH
- CRAB MEAT
- SHRIMP MEAT
- FROZEN SHRIMP
- FISH STICKS
- MEAT PIES
- TAMALES

and that's not ALL!...

More than 500 meat, fish and poultry items from which to choose. THOUSANDS of pounds to be sold in the most sensational sale ever.

SELECT YOUR OWN SPECIALS

- BEEF • LAMB • PORK • POULTRY
- SEA FOODS • SMOKED MEATS

We Certify . . .

All meat department items will be sold at 10% below our regular everyday prices. We also certify regular prices have not been raised to accommodate this event.

SAFEWAY STORES, INC.

Our Guarantee . . .

All meats will be trimmed according to the Safeway's Best Value trim policies for which Safeway meats are famous . . . you must be completely satisfied with Safeway meats or your money back.

SAFEWAY STORES, INC.

- ### DOLLAR BARGAINS
- Mix 'em or Match 'em
- Tomato Juice Town House From Vine-Ripened Tomatoes
 - Facial Tissue Powder Room Assorted Colors—400's Pkg.
 - Grated Tuna Tempest Brand 1/2 Can
 - P'apple-G'fruit Juice Laloni Brand 29-oz. Can
 - Apple Sauce Famous Oregon Hood River—303 Can

ICE CREAM

7 popular flavors to choose from

Buy one 1/2 gal. for 89c

Get 2nd 1/2 Gal. for 45¢

- Sugar Cookies Busy Baker, great with ice cream 6 oz. 29¢
- Pineapple Del Monte, sliced from Sunny Hawaii 1 1/4 flat tin 4/\$1
- Fruit Cocktail Town House Fancy quality 303 tin 4/\$1
- Dairy Topping Lucerne, real cream in pressure can tin 7 oz. 49¢
- Topping For Ice Cream; TOWNE PRIDE Butterscotch, Choc. Fudge, Pineapple, Strawberry. — Why Pay More? 7-oz. 5/\$1

Remember, we give... **GOLD BOND** Stamps

You get valuable gifts, plus bonus values when you shop at the store that gives you more... Safeway!

- SANTIAM BEANS Cut or Sliced 303 can 5/\$1
- LUCERNE 3.8 MILK Bonus Quality 4 1/2 gals. \$1.84
- PINEAPPLE JUICE DOLE, Fancy Hawaiian 46-oz. tin 3/\$1
- TANG DRINK The Instant Breakfast Treat 21-oz. jar 89¢
- WHOLE APRICOTS Sundown Whole Unpeeled No. 2 1/2 tin 4/\$1
- CORN WHOLE KERNEL Santiam 303 tin 5/\$1
- PEAS & CARROTS Walla Walla Famous for Quality 303 tin 5/\$1
- PORK 'N BEANS Van Camp for Quick Tasty Meals No. 2 tin 5/\$1
- POOCH DOG FOOD 12 tins \$1
- FACIAL SOAP Brocade in White and Assorted Colors 10 poly bag 49¢

How About a Spring Salad Tonight?

LARGE, CRISPY HEAD Lettuce

Here's the kind of lettuce that delights salad lovers. Grand for tasty sandwiches, too. And sold with Safeway's famous money-back guarantee.

- ## HEAD 10¢
- Winesap Apples Extra fancy, crisp, large size. All purpose. 19¢ lb.
 - Yellow Onions Medium size, U.S. No. 1 grade 3 lbs. 25¢
 - Oranges Florida Valencias 8 lbs. \$1

- Red Grapefruit Indian River, large size... thin skinned. 4 for 49¢
- Ripe Tomatoes 10 oz. tube 19¢
- No. 1 Potatoes Oregon Russets, finest all-purpose. Guaranteed. 20 lb. bag 98¢

Wisconsin Cheese 75¢

The finest natural Cheddar, Longhorn, Pimento Club and Kumin-ast in random weights, 12 and 16-oz. In chunks and loaves. The superb flavor is preserved in sealed air-tight packages.

Save on Mrs. Wright's

BISCUIT MIX

Regular special introductory price. Finest for light and fluffy biscuits, coffee cakes, shortcake, etc. A Safeway guaranteed product.

40-oz. pkg. **29¢**

JOHNSON'S MODEL BAKERY

- German Chocolate Cake each 1.25
- All Donuts Raised or Cake dozen 60c
- Twin French Bread Garlic or Plain 2/25c

- Slenderway Bread Skylark 15-oz. loaf 29¢
- Fresh Bread Skylark's new Western Farms 1 lb. loaf 35¢
- Butterhorn Curtis—Fresh baked. pkg. 29¢
- Donut Sticks Mrs. Wright's sugared. Always fresh, cello pack pkg. of 16 39¢
- Cigarettes Camels, Luckies, Chesterfield, Old Gold reg. size carton \$1.69
- Flour Gold Medal 10-lb. bag 99¢

Campbell's TOMATO SOUP 10¢

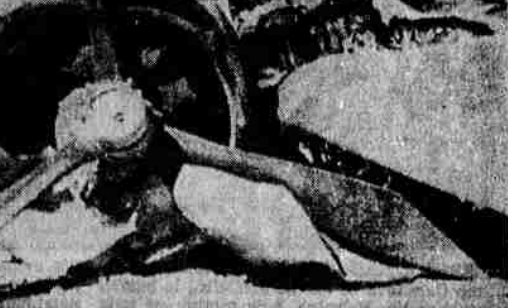
Reg. 2 for 23c. Save 9c on 6. Limit, Please. 10 1/2-oz. tin

Busy Baker Crackers

Crispy, thin saltiness, kept fresh in 8-oz. pkgs. Here's a great combination... Busy Baker Crackers and 2-lb. Campbell's Tomato Soup. Pkg. 49¢

40 Years Serving The Northwest

SAFEWAY



INVASION PLANE—The Cuban newspaper "Revolucion" says this photo shows an American-made B25 plane which was shot down during the recent invasion of Cuba. The paper offers this as proof of "Yankee intervention." (UPI Telephoto)

New Penicillins Designed to Achieve Certain Objectives

New York, N. Y. — Scientific American Feature) — During recent years chemists have mastered the molecular structure of penicillin in such detail that they can now design and construct new penicillins to achieve specific therapeutic objectives. They accomplish the alterations by rearranging groups of atoms that are attached to the core of the penicillin molecule, and have succeeded in creating new penicillins endowed with astonishing effectiveness, according to Anthony H. Rose, biochemist at Heriot-Watt College, Edinburgh, Scotland.

"During a early investigation," Dr. Rose explains, "the chemists found that the name penicillin, given to the antibiotic by Alexander Fleming in 1929, was actually a generic name covering a whole family of related penicillins, all of them products of the metabolism of penicillium molds. The various penicillins have identical nuclei, but differ in the side chains that consist of carbon, hydrogen, oxygen, nitrogen and sulfur atoms linked together in specific patterns. To this core, a 'tail' is attached that contains carbon, oxygen and hydrogen atoms. Some of these are long, some short. They may be a simple string of atoms or ring-like in structure. Penicillin cores without tails are ineffective against disease. The kind of disease against which a specific penicillin is effective depends upon the size and shape of the attached tail.

"Further, it was found that certain microorganisms are capable of developing substances that destroy penicillins, that such substances are elaborated in quantity only in the presence of penicillin and that effectiveness of the destructive substances depends upon the nature of the tail.

"Finally, methods were found for mass producing penicillin cores without tails, for making tails of desired shape and size and attaching them to the cores. In short, the research efforts disclosed how the penicillin molecule is put together, how the structure is disrupted by resistant microorganisms and how to construct a penicillin that is immune to the destructive substances that are elaborated by certain bacteria.

"One group of virulent and resistant microorganisms is staphylococci, germs that cause a variety of diseases ranging from rashes and abscesses to fatal pneumonias and blood poisonings. They have been rampant in hospitals during recent years, with mortality rates soaring to 20 per cent among those stricken.

"Recently a group of researchers, acting in concert on both sides of the Atlantic, have succeeded in attaching a tail to the penicillin core that appears to defeat staphylococci. Clinical trials of the new antibiotic have produced spectacular results. Ninety per cent of patients suffering from resistant staphylococcal infections are either cured by the modified drug or greatly improved.

Prospects Excellent

"Prospects for the further development of new penicillins are excellent and promise significant improvements in chemotherapy. Even the best penicillins have their drawbacks, of course. Penicillin tends to be excreted rather rapidly in the urine, and some patients develop serious and even dangerous allergies to it. New penicillins that can overcome these problems and still retain activity against resistant bacteria may very well be developed. In addition, syn-

McNamara's Pay Topped by Crews At Missile Base

Washington — 700 — Senate investigators have disclosed that a group of ironworkers at one U. S. missile base have earned up to \$520 a week — \$40 a week more than Defense Secretary Robert S. McNamara is paid.

Two staff aides of the Senate Investigations Committee also reported that other construction workers' paychecks have been larger than those of some members, two-star generals and Army colonels.

Payrolls Surveilled

The testimony involved surveys of payrolls at Vandenberg Air Force Base, Calif., the headquarters for the Pacific missile range and at Cape Canaveral, anchor of the Atlantic missile range.

A former Air Force contracting officer also testified that pipefitters at Vandenberg have agreed not to take apart certain assemblies for Titan missile installations and then reassemble them on the understanding that the men would stand trial for the untimely assembly period and "bless" the factory-made equipment.

In addition to 14 ironworkers at Vandenberg who, in "high" payroll weeks, one last September and on in January made more than the defense secretary, the subcommittee study disclosed:

"Each and every one" of some 80 plumbers and pipefitters employed by Bechtel Corp. at Vandenberg, in the sample weeks averaged more than the \$365 weekly paid to Maj. Gen. David Wade, the commanding general.

"Common laborers earning as much as \$287 a week at Vandenberg during the sample weeks, averaged 'considerably more' than the average pay and allowances of the prospective U.S. astronaut.

Space Technology Is More Than Missiles

Philadelphia — 70 — Space technology is more than just missiles.

Orders for second-hand diapers and ripe bananas showed up regularly last year in the more than 11,000 orders processed by General Electric Co. Missile and Space Vehicle department buyers.

The buyers were considered perfect for cleaning certain delicate precision instruments. The bananas were used to feed a couple of space monkeys.