



Small Worlds Around Us
Lynn W. Watkins
By
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Bugs Develop Protection Against Poisons We Use
Back about 400 years ago, during the so-called Dark Ages, the people of central Europe believed the only way to cure hydrophobia was "to take a hair from the dog that bit you." The hair was to be placed carefully on the wound made by the rabid animal, and held there. Of course, if the patient died, it was assumed the hair was taken from the wrong animal.

In a round-about way, those ancients were close to being on the right track, in principle at least. Of course a hair, even from the right animal, could not bring immunization, but there was a semblance of sense in such deductions. Since then science has proved that immunization to certain diseases can be accomplished by giving the patient the disease he wants to escape.

Vaccination by smallpox germs is prevented, or at least mitigated, by the introduction of the disease, in a mild form, into the body. Likewise, typhoid fever and many other diseases.

Immunize Themselves
Reduced down to understandable terms, vaccination and inoculation, are really examples of the old axiom: "send-a-bug-to-catch-a-bug" idea. Or, "send a thief to catch a thief." Living bodies—man, mouse, fly or man—immunize themselves against things that are harmful to them. This has been established as a hard-and-fast, scientific fact. Administer small doses of most poisons to most creatures, and before long the system has immunized itself against the poison.

A short time ago the daily press carried a news story regarding an insect's almost total immunity to certain poison sprays. Science knew this would happen, but hoped it wouldn't. Any creature as tenacious of life as some insects are known to be, certainly would not lie down and die just because some poison was squirted on them. Besides being rather tough, they have the advantage of being highly adaptable to conditions that exist at the time. Bug generations follow one another so rapidly they can keep up with changing conditions about as fast as they happen.

But One Lives
Suppose we squirt some high-powered poison on a "flock of bugs." They will die by thousands. But, over in the far corner, or under a dry leaf, there is one bug that does not get enough poison to kill him. The dead ones you sweep up and throw away; they won't bother you or anyone else any more.

But remember the one over at the far corner. He may be deathly sick. He will crawl into a dark crevice, and maybe suffer a little while, but an hour or a day later, he recovers, shakes his antennae, stretches his legs, and sallies forth, as good as ever. Soon he or she will become a parent; it's bound to happen.

Generations of bugs follow each other; our bug that recovered from the poison, male or female, soon has active children. Somewhere hidden in the genes or tissues, of the young ones' bodies, is a trace of the antipoison that enabled the parent to survive.

The babies go their way, and soon they too, become mothers and fathers. These bug-children, perhaps all of them, have an immunity against that particular poison that sickened their great-great-grandfather.

No bug ever heard of such a silly expression as "take a hair from the dog that bit you" but somehow or other they "got the same idea."

Jury Acquits Man Charged With Murder
PAYETTE, Idaho (UPI)—A District Court jury Tuesday night acquitted Sherman Carmical, Payette, of a second-degree murder charge in the gunshot death last year of Ralph Young, Fruitland.

The jury deliberated five hours before returning a verdict of innocent by reason of insanity. Judge Robert Dunlap immediately released Carmical to the custody of a sister.

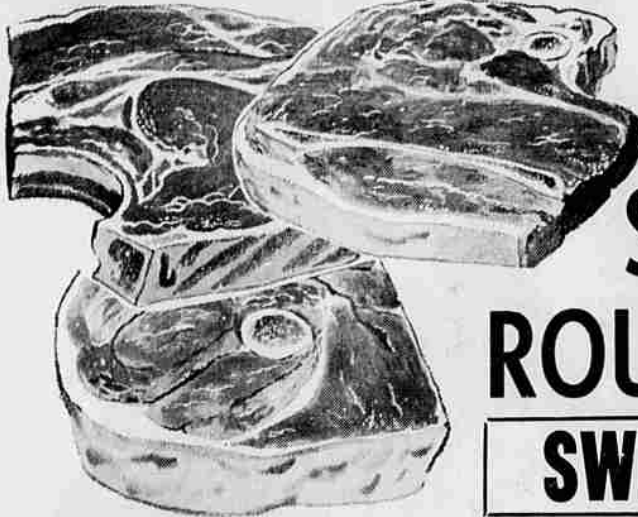
Kennedy Memorial Is Planned in Ireland
DUBLIN, Ireland (UPI)—Premier Sean F. Lemass told the Irish parliament Wednesday that a state memorial in honor of the late President Kennedy will be erected in Ireland.

Lemass gave no details on the form of the memorial or where it will be built.

The government decision to erect a memorial to the assassinated President culminates a week-long campaign here for the provision of a National Memorial.

CROOKED CREEKS
ANCHORAGE, Alaska (UPI)—There are two Crooked Creeks and three Toy Capes in Alaska.

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SWISS STEAK Family Style Cross Rib Cuts—a Heap of Good Eating ONLY **59¢**

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Lean, tender, tasty Well trimmed **49¢ lb**

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Swift Premium USDA good and choice. Well aged—tender

69¢ lb

Boiling Beef

Meaty plate cuts of tender aged beef. Fine for stew.

17¢ lb

Beef Short Ribs

Tender aged beef. Always hits the spot

25¢ lb

Ctr. Cut Beef Shanks

Real Meaty

35¢ lb

Meaty Soup Bones

It's Soup Weather

15¢ lb

Spare Ribs

Lean meaty sides to bake or barbecue

39¢ lb

Young Turkeys

USDA inspected. Parts missing. Limited supply

29¢ lb

Fryer Rabbits

Local fresh dressed. Cut-up, pan ready

55¢ lb

Slab Bacon

Armours Star light, lean sides. Freshly smoked. Half or whole

39¢ lb

FRESH GROUND BEEF From lean, tender beef. Always fresh 3 lb. pkg. Just **98¢**

FANCY SLICED BACON Bar S Roundup brand lb. **49¢**

CARNATION LIGHT MEAT

TUNA Chunk Style

6 1/2-oz. can

23¢

9 1/2-oz. can

33¢

MEADOWBROOK

ICE MILK Van., Choc. and Straw.

1/2 gal.

39¢

ZEE

TOILET TISSUE Assorted Colors

4-roll pkg.

29¢

HI-COUNTRY

APPLE JUICE

46-oz. Can

29¢

M.J.B.

INSTANT COFFEE

10-oz. jar

89¢

WILSONS

ROAST BEEF Luncheon Meat

12-oz. can

39¢

HALEYS

DRINK Orange or Grape

46-oz. can

19¢

FAB

DETERGENT

giant box

59¢

HARTZ—11 OZ. BOTTLE

Western Style Beer 6 for **79¢** plus dep.

OCEAN SPRAY

Cranberry Juice Qt. Bottle **49¢**

SMITH

Early June Peas 300 Can **10 for 99¢**

THUNDERBIRD

Salad Dressing Qt. Jar **33¢**

VAN CAMP

Pork & Beans 300 Can **6 for 89¢**

BLUE RIBBON

Malt 3 lb. Can **99¢**

MEADOWBROOK
COTTAGE CHEESE
Pint **19¢**
Quart **37¢**

GOLDEN NIP
ORANGE JUICE
USDA Grade A Fancy
6-oz. Can **4 for 99¢**
12-oz. Can **49¢**

ROSEDALE FROZEN
FRUIT PIES
Apple, Peach, Cherry, Boysenberry and Blackberry
20 oz. Pie **23¢**

WILSONS

Corned Beef Hash 1 1/2 oz. Can **3 for 99¢**

DERBY

Tamales w/Sauce 13 1/2 oz. Can **23¢**

BEST BET—ELBOW

Macaroni & Spaghetti 4 lb. Bag **57¢**

MEADOWBROOK

Butter 1 lb. Print **59¢**

LADIES CHOICE

Apple Butter 28 oz. Jar **39¢**

DENNISON'S

Spaghetti w/meat Balls 40 oz. Can **59¢**

GOLD MEDAL

Flour 10 lb. Bag **99¢**

HALEYS

Hominy Golden or White—300 Can **8 for 99¢**

ISLAND PRIDE

Pineapple Crushed—20 oz. Can **4 for 99¢**

GOLD HILL

Peaches 2 1/2 Can **4 for 99¢**

SUN RIPE

Mandarin Oranges 8 oz. Can **4 for 89¢**

FRISKIES

Horse Meat 15 oz. Can **2 for 39¢**

LADIES CHOICE

Strawberry Preserves 44 oz. Jar **79¢**

SNOWDRIFT

Shortening 3 lb. Can **63¢**

STARKS INSTANT

Powdered Milk 14 Qt. Pkg. **99¢**

FAMILY SIZE

Bisquick 60 oz. Pkg. **57¢**

PHEASANT

Pancake Flour 10 lb. Bag **89¢**

WELCHADE

Grape Drink 32 oz. Can **4 for 99¢**

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