

# Swedish Prepare Defenses

(Editor's Note: As the United States moves to provide greater protection for its citizens against nuclear warfare, UPI Correspondent Michael Howard has taken a long look at Swedish Civil Defense, which may be the best organized in the world. His timely dispatch follows.)

By MICHAEL HOWARD  
STOCKHOLM (UPI) — Sweden, which hasn't been to war for 150 years, has been preparing since the beginning of the nuclear age to protect itself against other people's atomic folly.

It has been an expensive burden and officials acknowledge that it sometimes has the unreal air of science fiction. But shelters have been built, for both people and industry, and evacuation plans are clearly drawn. And the thrifty Swedes have even made plans to get some of their money back, in the hoped-for event that no one pollutes their neutral skies with nuclear death.

Swedish experience in Civil Defense goes back to World War II, when thousands of refugees found shelter in this country. In 1944, the Riksdag (parliament) passed a law that made all persons between 16 and 65 liable for service in Civil Defense. Conscription is not let up and today there are about 325,000 men and women serving in the organization.

That 3.5 million Swedish people are faced with the grim prospect of moving under wartime circumstances from major cities and industrial areas to rural areas seems hardly to disturb them. Tell them that the decentralization of their population will be permanent and their response is a reserved, "It must be so."

When it is a matter of self-preservation, no price is too high. The Swedes believe "total war calls for total defense."

Swedish CD authorities have tried to envision all the hypothetical wartime situations and have made their plans accordingly. The result has been the breaking down of their CD operations into three components: evacuation, shelter construction and the service branches.

Of primary importance is evacuation. The Swedes are working out plans to relocate half their population. Fortunately, they have the space.

Sweden is a country with an area of 158,000 square miles and a population of seven million people, about 48 persons per square mile.

Plans for evacuation are explicit. In Stockholm, for instance, every residence has a map on the ground floor which shows the evacuation route to be followed.

At the first threat of danger, about 350,000 persons, women, children, the aged and infirm, would leave the city. At the second stage, 200,000 workers will be withdrawn. With 150,000 persons away already on military duty, only 50,000 essential workers will remain. They will stay in mass shelters.

Fourteen massive shelters, built out of granite and gneiss have been constructed in Sweden's nine biggest cities, including four in Stockholm. Their purpose is to provide protection for persons unable to leave at the first warning or for those left behind. The shelters ultimately will be used by the CD workers and skeleton crews who remain in the cities.

Since 1945 the Swedes have built about 30,000 "standard" shelters. Constructed from reinforced concrete, these shelters shall, according to law, be large enough to provide room for the inhabitants of the house and strong enough to stand the pressure of debris. Every year an additional 2,000 of them are built, giving shelter space to about 120,000 persons.

It is asked that even if a successful, full-scale evacuation took place, would not the industrial life of the country falter? Not necessarily so.

Production of war materials would undoubtedly slacken with so many industrial centers turned into ghost towns. But production will not come to a complete halt. Many plants, including some which produce arms and other warfare necessities, already have been built under tons of rock. They would be able to keep up production at practically full strength.

The state of the Swedish economy during war is secondary. CD authorities feel the course of the war will be determined in the opening stages. If the population is safe during this "survival period," that is what matters, not whether industrial life ceases to function.

Of course, the cost of such an extensive CD network is a drawback. Since World War I, every Swede has paid about \$1.12 each year for Civil Defense through state allowances and not including the community and private costs. The price for the 14 mass shelters has come to about 19.8 million dollars, the government defraying about two-thirds of the cost. But it is hoped they eventually will pay for themselves.

# Stamps In The News

By SYD KRONISH  
AP Newsfeatures

"Hansel and Gretel," the beloved children's story by Grimm, has been translated into nearly every known language in the world. Now scenes from the classic work appear on the latest set of four semi-postal stamps issued by West Germany. Each of the four depicts a different scene from "Hansel and Gretel," reports the World Wide Philatelic Agency.

The 7 pennig plus 3 shows little Hansel and Gretel strolling through the woods after they have been sent on a ruse by their



stepmother. Hansel is seen dropping crumbs of bread to help find his way back while a little bird hovers in the background ready to eat the crumbs.

The 10 pennig plus 5 depicts Hansel and Gretel being invited into the gingerbread house by the evil witch. The 20 pennig plus 10 pictures Hansel in a cage where he is being fattened. The witch gleefully watches while sad little Gretel looks on helplessly.

The 40 pennig plus 10 illustrates the happy ending after the witch has been despatched by the clever children. The relieved father

is shown hugging Gretel as Hansel smiles approvingly. The additional values on this set will go to general charities of West Germany.

The first 1962 edition of the H. E. Harris "U.S. and British North America" catalog is on the market. It has 160 pages and nearly 2,000 illustrations. Featured is a special "Americana" section.

The new edition has hundreds of up-to-the-minute price changes and its editors claim it is an accurate barometer of the current stamp market.

The catalog costs only 35 cents and can be obtained by writing to H. E. Harris & Co., Boston 17, Mass.

Canada will issue on Oct. 12 a new stamp illustrating the multiple use of Canada's renewable natural resources, reports the Canada Post Office Department in Ottawa. The new stamp will symbolize agriculture, forestry, water power, fisheries and wildlife, linking them all with the wheel of industry.

Liberia has issued two new stamps and a souvenir sheet to commemorate the 15th anniversary of UNESCO. The 25 cents (regular mail) is labeled "Education-Science-Culture" and depicts a discussion group. The 25 cents air mail shows a vignette scene of a science class at the University of Liberia. The souvenir sheet, bearing a 50 cents air mail stamp, pictures Liberian students being instructed in physics at the University of Liberia by an instructor from UNESCO.

# The Weeders Guide

By EARL ARONSON  
AP Newsfeatures

Planning to buy a leaf mulcher attachment for your power mower as autumn approaches? Well, just a minute. Here's something to think about and it's all my fault.

Last fall I sang the praises of such a gadget and along came a very sensible and quite irked law-tender who very politely but firmly told me to lower the beat a couple of octaves, or maybe get a muffler.

This fellow said he had purchased a rotary type lawn mower with mulcher attachment for the sole purpose of grinding his leaves into mulch.

"Fine," he added. "This I can do if the leaves are not moist. If the leaves are 100 per cent dried out and crisp; if the grass is no longer growing."

"These conditions seldom exist," he moaned, "unless you let the leaves lay on the lawn for many weeks to dry out and become crisp and, of course, knee deep by then. When my leaves fall in the autumn they are still a little green and if I try to dispose of them with the mower-mulcher, all I get is a lawn of shredded leaves (and clogged mulcher screen), if the grass is still growing and not cut first, I get a mush of leaves and grass."

He tried revving up the engine, sharpening the blade, enlarging the holes in the screen, with the same result—clogged screen and mush.

So what to do? He didn't say what brand of mower or mulcher he had but we figured

other folk might have a similar problem. So, we, who had cheered a mulcher that mulched nobly through dry leaves, wrote to the engine and equipment division of a company that makes a popular mower and mulcher.

And the honest sales manager replied that there was no answer for wet or green leaves. "They just don't chop up well. Grass and leaves clog up in your leaf mulcher if they are wet and green."

His company, he said, had put much effort into models that would give maximum efficiency. He said his mulcher attachment suspends the leaves momentarily and gives the blade an opportunity to hit them several hundred times before shooting them out of the exhaust chute.

"If the blade has enough lift action, the leaves will be thrown and forced through the screen and out the exhaust chute," he related. Our consultant suggested winnowing leaves or grass instead of spreading them over the lawn.

This would give you a clean lawn and the opportunity to pick up the leaves left in rows by the wind rower.

Another solution would be to have a grass catcher model that would pick up all the grass, leaves and debris and dump them wherever you want to deposit them.

The moral of all this is that the next time someone interests you in a leaf mulcher and you can't wait or don't want to wait until the leaves are dry, ask about the wet-leaf problem and invite the dealer to give you a lawn test, when the leaves are damp.

# Boating

By JACK WOLSTON  
United Press International

A man was found dead recently aboard a small cruiser on an inland lake. An autopsy reported that death resulted from accidental carbon monoxide poisoning.

It was one of those boating casualties that occur rarely, but a number of them have been recorded in boating statistics and others probably will be.

A good number of these have resulted from improper repair of leaking exhaust lines, although in some instances other factors were involved.

The U.S. Coast Guard, in its pamphlet "Pleasure Boat Safety," describes one of these incidents in which one man died and six other persons were made violently ill.

The operator of a 26-foot cabin cruiser, his wife, four adult friends and a 9-year-old girl and a pet fox terrier had set out on a fishing trip.

It was a clear, calm fall day. About one hour after departure, running at half speed and with no apparent wind circulation, the terrier became sick. Soon the young girl became ill and gradually all of the boat's occupants became sick, two going into a coma.

Carbon monoxide poisoning numbs the mind and none of the party was able to think clearly or understand the difficulty, except one of the men who remained conscious sufficiently to shut off the motor and signal a passing craft for help.

Transferred to a nearby hospital, recovered without permanent injury, except one man, 36, who was dead before he reached the hospital.

What had happened? This is the Coast Guard's report:

"Approximately one week prior to this casualty, a patch consisting of half round of rubber hose had been clamped over a leak in the exhaust pipeline under the seat in the after end of the cockpit. This exhaust pipe passed through the transom, near the waterline, permitting water to run back into the line, and it became the dispenser of death. Although this is a common type of installation, the presence of water in the end of the exhaust line hinders the free exodus of exhaust gases and abets the leakage of exhaust gases if there is a leak in the line."

Roamer Steel Boats, a division of the Chris-Craft Corp., has changed its name to Roamer placed on the market a new aluminum express cruiser.

The new craft, according to the Holland, Mich., firm, is "designed to meet the growing demands for a modestly-priced, all-purpose family boat."

Called the "Silver Comet," the 27-foot cruiser sleeps four in a cabin with headroom of 6 feet, 3 inches.

The hull is constructed of anti-corrosive, high tensile aluminum alloy. Aluminum plate, one-sixth of an inch thick, is used for the bottom sections of the boat. Hull sides, deck, covering boards and transom are of one-eighth inch plate.

Electrolytic action, a cause of corrosion on metal hulls, is eliminated through use of an automatic, transistorized device which is a permanent installation on the boat.

The "Silver Comet" has a beam of 10 feet. Its freeboard forward is 50 inches; after, 36 inches. Draft is two feet.

# ARCHITECT'S Sketchbook PLANS AND IDEAS Make Your Own Authentic Colonial

TODAY'S PROJECT: An early American drysink.

DESIGNER WILLIAM MEYER-ERRICKS of Huntington, N. Y., explains:

Early American furniture has an appeal all year round, but there's something about the fall of the year that evokes a special magic from the homespun appearance and warm pine wood tones of a piece of authentic Colonial. It bespeaks gracious hospitality like a crackling fire on a cold autumn night.

And one of the best features of this style is that its handcrafted history makes it especially adaptable to manufacture in your own basement. A mirror finish is neither expected nor desired. Early American should look as though it was made by hand with loving care, not factory perfection.

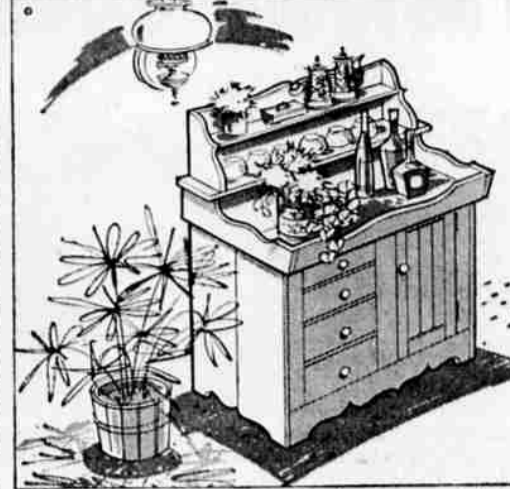
The drysink shown in the illustration is 46" high, 34½" wide and 17½" deep. It can be used as a sideboard in a dining room or as an attractive and useful addition to a living or recreation room.

The Sketchbook plan provides one-quarter scale patterns for the curved parts and precise dimensions of all other pieces. Assembly procedure is shown in five easy-to-follow steps.

OTHER PROJECTS

Other 50-cent plans, which may be ordered in the same manner as this one, include:

- Modern Hanging Lamp: S-15
- Bunk Beds: S-10
- Outdoor Play Caboose: S-14
- Modern Secretary: S-19
- Moving Van Toy Chest: S-18
- Modern Bedroom Headboard: S-8
- Colonial Nightstand: S-17
- Colonial Corner Cabinet: S-13
- Living Room Divider: S-2
- Attic Room Desk and Vanity: S-1



READY FOR COMPANY: Gracious hospitality and Early American design go together like turkey and Thanksgiving. This Colonial drysink will help you set a festive, homey atmosphere on every occasion. To order Colonial Drysink Plan S-25 showing how you can build it yourself, fill in the blanks below, cut out the coupon, and mail with 50 cents to SKETCHBOOK, in care of this newspaper.

NAME \_\_\_\_\_  
ADDRESS \_\_\_\_\_  
CITY AND STATE \_\_\_\_\_ (S-25)

## OTHER INEXPENSIVE SKETCHBOOK PROJECTS



Modern Hanging Lamp made of simple hanging sockets, hardware, cloth and heavy paper. S-15

Bunk Beds designed for use in tandem or shown as separate as twin beds. S-10

# The Reader's Corner

## War Horror Takes Slap

The End Of It by Mitchell Goodman. Horizon Press. \$4.50.

Goodman has written a novel about a young artillery lieutenant's initiation into the grinding horrors of war during the Italian campaign of the Second World War, his mental disintegration and shock and his final gropings toward reality again.

The protagonist, Gilbert Freeman, finds at first that the American forces are like a giant corporation operating a machine of destruction. The author describes with harsh, lashing words the change from winter war in the mountains below Rome to the wild chase of the Germans into northern Italy.

Freeman, unlike other American soldiers, comes to understand the "dirty wops" they find, and to love the beauty of the Italian countryside. He also learns why the soldiers of a French battalion and the Italian partisans have a deeper grasp of war's meaning, and why the Americans never seem to feel the war as anything but a beastly job to get done.

Finally, falling in with some partisans who have located a German encampment, Freeman directs the artillery fire that wipes out a regiment, only to find too late that his victims were a group of Italian laborers under German control. He becomes a very sick war hero.

Goodman starts slowly in this book, but he works toward a vivid climax that will shake the reader. His story of war's ghastly terrors carries with it an illumination of the spirit.

Miles A. Smith

## President's Man Talks

My 21 Years In The White House. By Alonzo Fields. Coward-McCann. \$4.

The White House's former chief butler reveals nothing very profound in this volume, as it is written mainly from the cup and saucer viewpoint among the pagantry of historical figures.

But it is interesting to learn that he found the Hoovers very stiff and formal, and that the maids would hide in a broom closet to escape being seen; that the Roosevelts were informal and unpredictable, but magnetic; and that the Trumans were Fields' favorite family. He felt that Truman was more basically democratic and more genuinely human than any of the others.

Of the many distinguished guests

## Citizen's Job Told

The Predicament of Democratic Man. By Edmond Cahn. MacMillan. \$3.95.

The author defines the "new predicament of democratic man" as "his moral involvement in the misdeeds of government." It is the familiar question of one citizen and the colossus of government.

Fortunately he finds the citizen's responsibilities are "quite definable and tolerable," so that dither-shirkers have no excuse for shunning them.

This is a book with an intellectual sound track, and in one sense this is unfortunate, for it is more than intellectual, it is basic. Cahn gives some very specific, down-to-earth arguments and examples for an optimistic approach to the complexities and pitfalls of a representative form of government.

It is a pleasure to find him considering a man of quality as well as a man of equality. He provides all of us with a "Self Search" formula for gauging our relationships with government and he examines government administration in the light of consumer perspective.

He finds our nation's supreme need is for citizens who display quality in three respects. First in what he calls "associability," the ability to get along in mass-democratic society (this is where equality comes in). Second, in judgment (a monarchic factor) and third, in honor or courage (an aristocratic factor).

Cahn is a brainy member of the legal profession who is described as a "philosopher of justice." We can forgive him for slipping into legal jargon, for that is his field, and he writes lucidly of basic tenets. Perhaps what this country needs is a good rousing pamphlet in one syllable words, based on Cahn's scholarly essays.

Miles A. Smith

## Rain Dampens Forest Land

SALEM (AP) — The Oregon State Forestry Department announced Thursday that rain had dampened some of Oregon's forest land well enough to lift restrictions on entry into some areas without a special permit.

The department said the following areas could be entered without a permit effective at midnight Thursday:

Areas 14-P and 23-P in the Clackamas-Marion district; 25-P in the Siletz River area in Lincoln County; areas 6-P, 7-P, 8-P and 9-P in Eastern Lane County and area 24-P in the Polk-Benton district.

The seeming impossibility is that one could hope to tell the story of European civilization, plus the challenge of Islam, from Elizabeth to the French Revolution, all pivoting on the flowering of reason from medieval credulity. True, the Durants have found that this last installment will require three volumes instead of one.

The present work

HAIRCUTS  
Adults \$1.30  
Children \$1.25  
4 barbers on duty  
Suburban Barber Shop  
Town & Country Shopping Ctr.

**MORE PROTEIN PER PENNY**  
With MEDO-LAND  
**COTTAGE CHEESE**  
It's Fresh!  
AP your store or from your Route  
Men... Insist on  
**MEDO-LAND!**

# CAMERA Angles

## Sound Adds New Item To Movies

By IRVING DESFOR  
AP Newsfeatures

The experience of adding a new dimension—direct sound—to 8mm home movies is one that I tried recently and the results are quite credible. The actual voices of my family and my mother, in addition to their likeness, can only prove more valuable as time goes by and changes take place.

Although it is more than a year since its introduction, the Fairchild Cinephone Eight is still the only 8mm movie camera containing a built-in sound system enabling it to record both sight and sound simultaneously. It makes possible an exciting new home movie library of children's birthday parties, baby's first words, family gatherings, weddings, confirmations, graduations and Christmas celebrations in which the participants are heard as well as seen.

I found that the addition of sound requires a bit more planning and work than shooting movies alone. It also helps if an assistant is available to take care of the microphone and to relay signals from the photographer to

to act as an announcer for certain scenes. The camera, which weighs about 4½ pounds, can be hand-held but since all movies are steadier when the camera is firmly anchored and since it gives the hands more freedom to manipulate the volume control, I put it on a tripod. The microphone, with a 15-foot-wire radius, plugs into the camera and is quite sensitive.

The photographer monitors all sound by wearing earphones which also plug into the camera through a two-foot, easily-detachable cord. I discovered the reason for the clip-in, slip-out cord very quickly. During rehearsals, forgetting that earphones were clamped on my head, I'd dart over to adjust the mike or position a subject. If the wire weren't made to come apart easily, I'd have pulled the camera over!

By pressing a button on the camera, the photographer hears the sound and regulates the volume with a thumb-control knob until the level is just right. Then he presses the shooting button for the sound film take.

I found it takes quite a few rehearsals for people to get over mike fright and to talk without

giggles or sudden lapses of memory. By assuring them it was only dry run, they were apt to relax and be more natural. Often, I actually shot during a rehearsal, for I found that subjects tightened up when I announced: "This is the take."

To make editing easier later, it is helpful to shoot a couple of feet of film both before and after the sound begins and ends. That's because the sound is recorded about 32 frames away from the picture itself.

The camera's nickel cadmium battery should be charged the night before a shooting session is scheduled. This is merely a matter of plugging the charger, which comes with the camera outfit, into an electric outlet. The camera should be checked, with the cover off, to make sure the rewind mechanism is operating and that the proper turret lens is in position over the shutter.

The 50-foot roll of soundstripped color film must be carefully loaded, in subdued light, according to directions to provide good sound and to prevent jam-ups. When it is turned over and run through again, it gives 100 feet of audible as well as visual memories.



GIVING VOICE — A new dimension is added to photo memories—sound. Here's our photo-columnist trying out the Fairchild 8mm sound system. Wife, Gertrude, and daughter, Phyllis, are the audible as well as visual subjects.

# Berlin Phone Books Give Lie To Communist Boasts Of Trade

By KARL H. MACK

FRANKFURT (UPI)—A good indication of how far off base the East German communists are in their oft-proclaimed boast of overtaking the West in prosperity is given by the most recent issue of the East Berlin telephone book of commercial business branches.

The East Berlin commercial branch telephone book, printed in a "people's own printing shop" shows clearly what the daily fare of Communist propaganda tries to conceal: how much the Communists have failed.

Just on the basis of population, the three drivers' schools listed in the East Berlin directory should be matched by six in West Berlin. Actually, there are 168 such schools in West Berlin.

The 305 West Berlin gas stations will find but 58 East Berlin counterparts. Of these 58 stations, 43 are installed by the Communist state-run "Minol" gas company, which some wags say should be called "Minor" because of its inferior quality of gas.

While a total of 64 hotels in East Berlin offer the questionable hospitality of Communist satellites,

with inadequate service and untrained personnel, West Berlin has the same number of hotels just around the Zoo railway station and the Kurfuerstendamm, the Broadway-like glittering main boulevard of West Berlin. Several times more are spread all over the city.

A dozen travel agencies, including the Russian Tourist and a Swedish travel bureau, take care of the East Berliners' wanderlust. The number of similar travel offices in West Berlin is 228.

A mere 83 shops offering dairy products is listed in the East Berlin directory. And that doesn't mean these shops have milk, butter and cheese every day. More than 900 similar shops are listed in West Berlin and offer dairy products every day, including Sundays.

So it goes, all down the line: Three libraries in East Berlin, 95 in West Berlin; about 500 barber shops in East Berlin and more than 1,500 in West Berlin; 178 laundries and dry cleaners on the Communist side of Berlin, while 473 comparable shops offer their services in West Berlin.

And some listings in the West Berlin commercial telephone book don't even show up in its East Berlin counterpart. For instance, eel-meisteries.

## Current Best Sellers

(Compiled by Publishers' Weekly)

### FICTION

THE AGONY AND THE ECSTASY. Stone.  
TO KILL A MOCKINGBIRD. Lee.  
MILA 18. Urie.  
THE WINTER OF OUR DISCONTENT. Steinbeck.  
THE EDGE OF SADNESS. O'Connor.

### NONFICTION

A NATION OF SHEEP. Lederer.  
THE MAKING OF THE PRESIDENT 1960. White.  
THE RISE AND FALL OF THE THIRD REICH. Shirer.  
INSIDE EUROPE TODAY. Ganther.  
THE NEW ENGLISH BIBLE. THE NEW TESTAMENT.

Make this your  
**GARDEN CENTER**

- \* Nu Life Fertilizers
- \* Ground Sterilants (Polybor, Chelator)
- \* Garden Tools
- \* Power Equipment
- \* Dandelion Killer And Other Weed Controls

COMPLETE SELECTION  
Seeds For Vegetables & Flowers  
**LAWN SEED** • PEAT MOSS

**J. W. KERNS**  
734 So. 4th TU 4-4197

test tube Accuracy

When our Pharmacist compounds a prescription, he is practicing a science, and his methods are those of every careful scientist. Each ingredient is weighed and measured with utmost precision using the finest, most modern equipment. Depend on our Pharmacist to meet the exacting standards of his profession.

**DRUGS WITH A REPUTATION**

Free Delivery  
In Klamath Falls on Drugs, Prescriptions, Cosmetics

**Walgreen**  
AGENCY DRUG STORE

We Give Gold Bond Stamps  
**WESTERN THRIFT**  
Headquarters For Your Drug Needs