

USE ECCENTRIC CLASSIFIED ADS FOR BEST RESULTS

Dear Anne,

ARE YOU A "STAY AT HOME" GAL because the man in your life drives the car to work? Because you think you can't afford a "Second Car." There's no reason for you to "Stay at Home" without a car when it's so easy to enjoy the freedom and fun of your own car with a dependable, like new, USED CAR from our lot, or an all new Valiant. There's a model to fit your budget and all your transportation needs. Enjoy the fun and convenience of your very own car. See us now while prices are low and there's a good selection. It pays to buy a used car from a NEW CAR DEALER like "SUBURBAN PLYMOUTH, INC." 11 Mile at Washington in Royal Oak, LI 8-1991.

Sincerely,

Ed. Barris

Atomic Age Poses Its Own Health Problems

By ELIZABETH MEESE
Seaholm High School Student

On Wednesday, Jan. 6, the Seaholm high school Biology club had as its guest for the evening, Doctor Ardash Emmons, the laboratory supervisor of the Phoenix Memorial laboratory at the University of Michigan. His topic for the evening was "Radioisotopes and Their Effect on the Human Body."

Doctor Emmons began his talk by introducing all present to the atom. After discussing hydrogen, the doctor proceeded to inform them about carbon and its isotope carbon 14, which is used extensively in archeology for the purpose of dating ancient objects.

HE THEN ADVANCED to uranium, U235 which is used in the atomic bomb. In the bomb these atoms of U235 are split into two pieces, fission products, which are approximately equal in mass. This is accompanied by the emission of great quantities of energy. The difficulty originates in the fact that these products are unstable, as they have an overabundance of neutrons.

They emit gamma rays, radiation originating from the nucleus of the atom, and beta particles in order to compensate for the instability. This is what is termed radioactive fallout.

THE EFFECTS of these radioisotopes on the body are many, and varied in accordance with each isotope.

Doctor Emmons used strontium as his main example. He pointed out the many hazards connected with its isotope. The danger lies primarily in the fact that the body is unable to distinguish between calcium, which is essential to our existence, and strontium.

CALCIUM is ordinarily laid

down in the bones. It is the marrow which produces the blood cells. Strontium, on the other hand, kills these cells and reduces the body ability to produce cells.

Another hazard in this sight of deposition is that it causes cancer of the bone and leukemia. It does not, however, do any genetic damage. One of the most dangerous aspects of strontium is that it has a half-life (i.e., loses one-half its radioactivity) of twenty-five years in comparison to those isotopes with a much shorter period of disintegration.

A good deal of the prolonged danger of an atomic bomb is due to the half-life of the isotopes.

NEED SOMETHING FOR YOUR HOUSE? Then locate it by reading or using the Classified Ads in The Eccentric each week.

Medical Problems Posed Up in the (Lack of) Air

Have you met "P. D. McCride?" Although the members of Birmingham's Air Explorer Troop B-38 were not formally introduced, they learned the importance of each of the letters in this name as a memory aid in a pre-flight check of oxygen facilities and equipment before take-off in the wild blue yonder.

This subject, along with many other aspects of "Aerospace Medicine" was discussed in a very down-to-earth presentation by Dr. Carl Rasak during the initial training period of this newly recruited Air Explorer troop.

OXYGEN REQUIREMENTS and its need for efficient functioning of the body were described in easily understandable non-professional terms and reference to several enlarged anatomical charts illustrated these functions.

The importance of physical conditioning as a prime requirement was emphasized in a corollary discussion of Anoxia, Hypoxia and time of useful consciousness. Dr. Rasak's personal experience in the pressure chamber at Wright-Patterson AFB, Ohio while presented with some humorous sidelights lent considerable authority to this qualified presentation.

AT A RECENT meeting, Phil Davis was appointed chairman of the Scout Jubilee program to be held at the State Fairgrounds in June, and favorable comments by members who had participated in

representation is anticipated on January 28. Mr. Jacobsen distributed official membership cards to those present. A cordial welcome was extended to new Explorers Don Horton and Jay Wright and a similar welcome awaits all boys age 14-18 years interested in learning about the Air Explorer program.

6-Months' Duty

HEADQUARTERS SIXTH U.S. ARMY CORPS, FORT BENJAMIN HARRISON, Ind.—A Birmingham Army reservist, Bernhard A. E. Urban, 1758 Holland, has reported to Fort Leonard Wood, Mo., for six-month active duty training. Urban is a member of Company "G," 329th Regiment, Detroit. After completing his tour of duty, he will return home to continue fulfilling his military obligation.

Looking for a pet for the children? See the Classified columns under "Pets for Sale."

AUSTRIA BELGIUM DENMARK FINLAND FRANCE GREAT BRITAIN GREECE ICELAND IRELAND SWEDEN SWITZERLAND TURKEY YUGOSLAVIA

WOULD YOU LIKE TO SEE FLORIATE

World's Largest International Horticultural Exhibition Ever Held

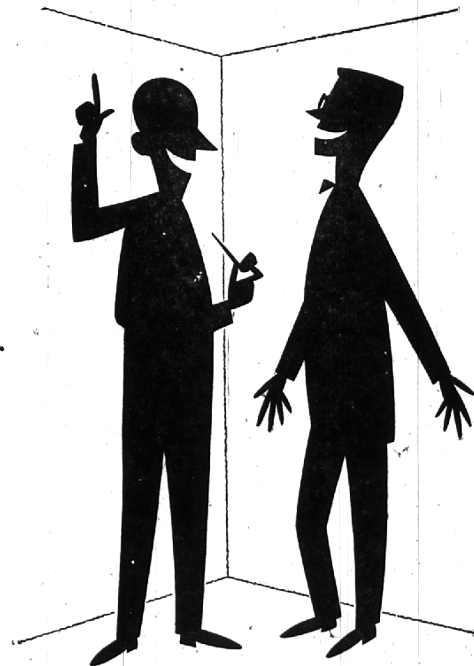
For More Information Call

Birmingham Travel Service

379 HAMILTON MI 4-5711

ELECTRIC HEAT

can be built into ceiling— or floor, walls or baseboards!



Buying, building or remodeling, you'll want to learn more about built-in electric heat. It's so comfortable, so fast and so clean it makes other heating methods downright old fashioned. Electric heat makes it practical—for the first time—to control the temperature in each room separately. Comfort? Here's such comfort it's a brand-new experience.

Electric heat completely eliminates the need for a furnace, for boiler or radiators, for chimney or fuel facilities. It gives you this space as a bonus!

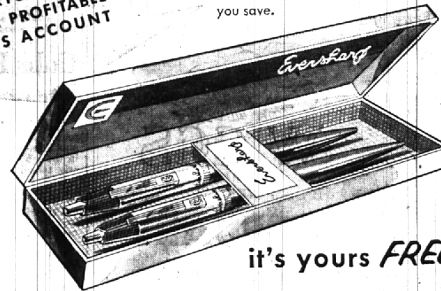
Like more information? Pick up your free copy of a new booklet on electric heat at the nearest Edison office, or phone your request.

GO ELECTRIC the modern way to heat **DETROIT EDISON**

YOU AND YOUR FAMILY ARE INVITED TO THE

Opening
OF
AMERICAN SAVINGS
Beautiful New Branch
IN BLOOMFIELD SHOPPING PLAZA
TELEGRAPH ROAD AT MAPLE

VALUABLE Gift FOR EVERYONE WHO OPENS A PROFITABLE SAVINGS ACCOUNT



it's yours FREE!

EVERSHARP "His and Hers" PEN SET

American Savings gift to you—this nationally-advertised EVERSHARP Pen Set with man's fine quality ball-point pen plus lady's matching pen. Yours FREE when you open a savings account for \$25.00 or more during our Opening Celebration.

3 1/2% Current Rate

ON ANY AMOUNT

All Savings Insured to \$10,000 By An Agency of the United States Gov't.



AMERICAN SAVINGS

TELEGRAPH ROAD AT MAPLE in Bloomfield Shopping Plaza

Open 9:30 to 4:30—Fridays to 8:30 p.m. • Convenient Free Parking Also Open Thursday, February 4 to 8:30

8 CONVENIENTLY LOCATED OFFICES OVER ONE HUNDRED MILLION DOLLARS IN RESOURCES