

## NO OIL SHORTAGE HERE NEARLY CENTURY AGO

World-Famous Drake Well Came Into Existence in 1859 Near Titusville

Eighty-three years ago this month Americans were not worrying about a shortage of oil, according to state department of commerce, because at that time Col. Edwin L. Drake struck the first producing well in America.

On the banks of Oil Creek near Titusville in the northwestern part of the state was born an entirely new phase of human progress—the limitless possibilities of petroleum. From a small grass-covered plot in Drake Well Memorial Park, now bearing a marker which tells the historic tale of the source of present-day gasoline, paraffin and lubricating oils, America took one of its biggest forward industrial steps.

It was this discovery on Pennsylvania soil that has made possible the operation of the world's industrial machinery, changed the face of peoples' habits by bringing the invention of the automobile, the diesel engine, and finally the airplane.

The Pennsylvania Bradford oil field has for nearly three generations produced a grade of crude oil whose value per barrel is more than 100% greater than the average of all other oil fields in the United States. Today, 83 years after oil was discovered here, Pennsylvania still maintains her position as the seventh most important oil producing area in America. At the close of 1941 figures showed that only two European nations—Rumania and Russia—exceeded the Pennsylvania crude oil output, and only three in Asia—Iran, Japan and the Dutch East Indies.

Pennsylvania takes its place in the field of oil productions as a great contributor to the United Nations' victory effort as it has in production of numerous other vital war materials.

## MINER BEETLES ATTACK LOGUSTS

Many black locust trees throughout the state have the appearance of having been scorched by fire, but this discoloration and drying up of the foliage is caused by the locust leaf miner, Charles E. Baer, deputy secretary of the department of forests and waters, said today.

Baer stated that the adult locust leaf miners are ravenous foliage feeders which causes the leaves to dry up. The damage to the locust foliage is not only unsightly but retards, to some extent, the growth of the tree. The adults are somewhat flattened, dark orange colored beetles ornamented with black, about one-fourth inch in length. They pass the winter in sheltered places and emerge from their hibernating quarters in the spring about the time the new growth of the black locust starts. The eggs, which are laid in masses on the underside of the leaves, hatch into small larvae which crawl into the leaves and mine between the layers. When the food supply is gone from one leaf they crawl to another and again begin mining in a similar manner.

Since these pests have already done most of their damage, control measures during the current year are not advisable. In case of valuable shade trees, the locust leaf miner can be controlled by spraying during the month of May with arsenate of lead at the rate of four pounds mixed in 50 gallons of water.

## LISTS PLANTS WHICH PROVIDE BIRD FOOD

Harrisburg—If you want to attract birds to your environment, there is no better tree to plant than the mulberry, W. E. Montgomery, chief of the division of management, department of forests and waters, said today.

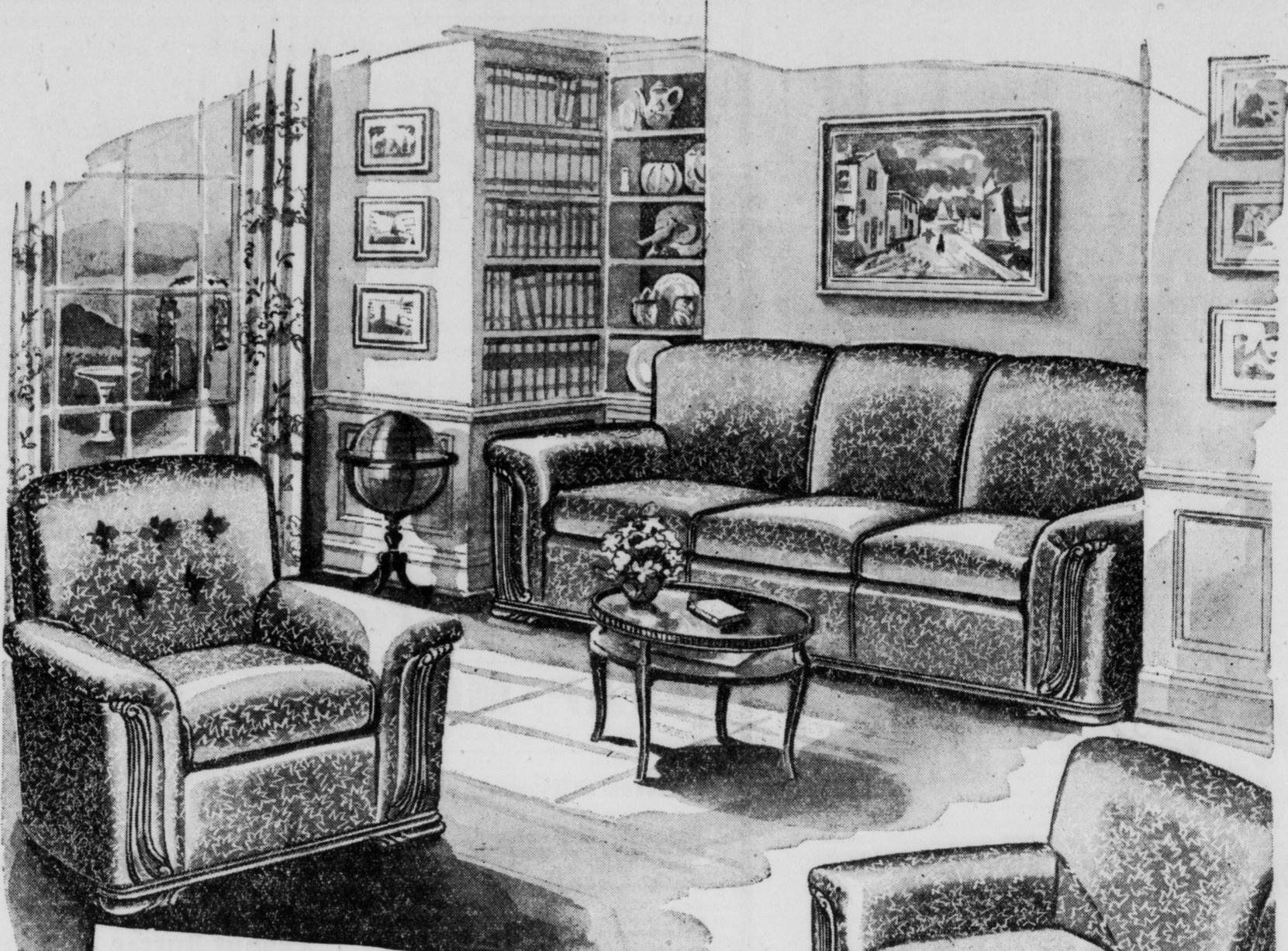
For the convenience of those who desire to provide food and attract birds, the following list of 25 trees, shrubs and vines is suggested as a handy guide:

1. Arbor Vitae; 2. Barberry; 3. The Black Gum; 4. Black Haw; 5. Buckthorn; 6. Bush Honeysuckle; 7. Button Bush; 8. Choke Cherry; 9. Elderberry; 10. Flowering Dogwood; 11. Hackberry; 12. Holly; 13. Huckleberry; 14. Mulberry; 15. Red Cedar; 16. Red Chokeberry; 17. Red Osier Dogwood; 18. Sassafras; 19. Silverberry; 20. Snowberry; 21. Strawberry Bush (Evonymus); 22. Sumacs; 23. Wild Grape; 24. Wild Raspberry; and 25. Winterberry (Aronia).

Twenty familiar birds of farm, field and town, together with the food plants they commonly feed upon, according to the number in the foregoing list, are:

- Bluebird: 1-4-7-8-9-10-11-12-14-19-22-23-24; Bobolink: 8-14-23-24; Bob White: 2-7-8-9-10-12-14-17-22-25; Cardinal: 10-11-14-17-23-24; Cedar Waxwing: 1-4-8-10-11-12-14-15-19-25; The Chickadee: 10-17-22-24; Cuckoo: 14-23-24; Finches: 10-17-24; Flicker: 3-8-9-10-11-12-17-22-24-25; Kingbird: 2-4-5-8-9-10-14-22-23-24; Lark: 2-4-7-8-10-14-16-23-24; Meadowlark: 4-16-23; Oriole: 8-9-14-24; Ruffed Grouse: 2-3-4-7-9-10-12-14-17-19-23-24-25; Scarlet Tanager: 8-14; Swallow: 10-17-22; Thrushes: 4-5-8-10-12-14-17-22-24-25; Warblers: 4-15-22-24; Woodpecker: 4-8-9-10-12-14-17-22-23-24-25; Wren: 2-9-21-22-24.

—If you are not good for something you are only good-for-nothing.



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AMERICAN WIVES AND MOTHERS ARE DOING THEIR PART, TOO, IN THE GIGANTIC WAR PROGRAM, BY KEEPING HOMES NEAT AND ATTRACTIVE — BY MAKING EACH ROOM AS INVITING AND COMFORTABLE AS POSSIBLE. HOW DOES YOUR LIVING ROOM MEASURE UP? YOU CAN ADD TO ITS COMFORT AND BEAUTY . . . WITHOUT SPENDING A FORTUNE . . . IF YOU SELECT ONE OF THESE SMARTLY STYLED LIVING ROOM SUITES. COME IN AND TEST THE COMFORT OF ITS WIDE SPRING-FILLED CUSHIONS, THE RESTFUL ARMS. ALL THREE PIECES ARE BEAUTIFULLY UPHOLSTERED IN A PATTERNED VELOUR. WE INCLUDE

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## Diet and Your Weight

Fat in the diet plays an important role.

Fat is a source of energy for the body.

Weight for weight, fat supplies about twice the energy of the other staple organic foods, carbohydrates and protein.

Natural fats contain many of the vitamins necessary for growth, maintenance and well-being.

As ordinarily used, fat mixed with considerable other food, is completely and easily digested.

When used alone, or when it is the main food in the diet, it is less well used and may cause disturbances in the body.

There are many cooking fats sold commercially in solidified form. These fats liquify readily at body temperature and are digestible.

Oleomargarine is a good farm product, produced in a sanitary manner from good materials.

Nut and oil margarines have less vitamin A than butter or margarines made with good beef fat churned in milk.

Fat serves as heat insulation under

the skin and as padding to keep the bodily organs and blood vessels and nerves in place.

Fat, as is obvious to all, rounds out the angular contours of the body.

Fat constitutes the most important form of stored energy for tiding over periods of food scarcity.

Sweets to the sweet, say most of us. Fats to the fat are superfluous.

## NEW PLASTIC MAY REPLACE RUBBER IN COMMODITIES

A new plastic designed to replace rubber in many manufactured commodities has been announced by the Hercules Powder Co.

Base of the new material was said to be ethyl cellulose, a cotton product, now in production at the company's Hopewell, Va., plant.

The new plastic, the company said, could be used instead of rubber in hospital sheeting, gun covers, tents, garden hose, Mason jar rings, surgical

tape, rubber gloves, electrical tape, insulations, impregnated fabrics, footwear and other articles. Gas resistant it could be used for gas masks, and flexible at 70 degrees below zero, it could be used as electric wire insulation in high altitude bombers.

L. N. Bent, Hercules vice president, said the plastic could not be used for tires or inner tubes.

Raw materials used in the manufacture of ethyl cellulose are cotton linters, or wood pulp, common salt, and alcohol from natural gas or fermented farm products.

## COLVER BIBLE CLASS PUBLISHING A PAPER FOR MEN IN SERVICE

"Colver Salutes" is the title of a new publication of the press last week. The paper is dedicated to the Colver young men who are serving in the armed forces and was conceived by members of the Young Men's Bible Class of Colver Presbyterian Church.

Colver news only is contained in the paper, with members of the class performing all reportorial duties. Money for cost of printing is also being supplied by class members.

A number of copies of the publication will be forwarded to young men in the service. It is the intention of the class to publish the paper once each month.

Efforts also are being made to have the idea adopted by hundreds of the small communities throughout the

Nation. The sponsors of "Colver Salutes" believe their paper is the only one of its kind in the country.

Officers of the class are Charles Euterbaugh, president; Wm. Lewis, vice president; Sam Graham, treasurer; Norman Bolinger, secretary, and Carl Curry, teacher. The class has 55 members.

## STATE DESIRES POOL OF MEN FOR GOVT. POSITIONS

The state civil service commission, expressing a "desire to recruit high grade potential employees" for the Commonwealth, has advised such possible "recruits" of the benefits of a position with the state.

In announcements delaying the date for examinations to fill positions on the new parole board from September 12 to September 19 and confirming the September 26 date for examinations to fill jobs with the Liquor Control Board, the commission said:

"Retirement and disability benefits, annual vacation leaves of three full calendar weeks, annual sick leave of 15 working days with full pay, permanency and opportunities for advancement are among advantages offered . . . to those who successfully

pass the competitive examinations for civil service positions."

## Mucilage Substitute

Quite often when one is in a hurry to mail a letter, there will be but one stamp and it has no mucilage on its back. In this predicament all necessary is to moisten the mucilage flap on another envelope, run the stamp over the dampened part quickly and then place on the letter to be mailed.

## The Patch Bag

A most practical patch bag can be made from a yard or two of mosquito netting. This enables one to see the contents from the outside, and there is no necessity for emptying the entire contents to find the exact piece of goods wanted.

## The Hanging Basket

A novel way to water the hanging-basket with out spilling water on the floor is to insert a small funnel in the dirt, as near the center of the basket as possible, and hidden by the foliage. Fill this funnel with water every day and it will soak into soil gradually.

## —He Who Naps Helps the Japs!