

Forest Service Reports Year's Fire Losses

With the extraordinarily long Oregon forest fire season of 1936 ended by general rains and snow, the U. S. forest service this week is tabulating losses sustained in the national forests of the state. Reports show that out of a total area of more than 18,000,000 acres protected by the forest service in Oregon, 22,753 acres were burned in 1936, of which 3,144 acres were national forest lands. Annual losses for the previous four years in Oregon averaged 13,303 acres, including losses on about five million acres of privately owned land protected by the forest service under agreement with the state forester.

As a convenient yardstick to measure the effectiveness of fire protection, the forest service has set an arbitrary objective of keeping annual fire loss as one-tenth of one percent of the area protected. Reports show that in spite of the unusually hazardous season in Oregon, actual losses in 1936 only slightly exceeded the prescribed mark, being 22,753 acres against the objective of 18,000 acres. This gives ample assurance that losses are being held to limits consistent with forest management for production of timber crops, forest officials state.

LIMING TRIAL ESTABLISHED

A demonstration trial to obtain more information on the effect of lime on strawberry plantings has been established in Washington county by August Jesse in cooperation with County Agent W. F. Cyrus. Ground limestone was applied at the rates of one, two and three tons per acre on land that acidity tests showed had a lime requirement in the neighborhood of two tons per acre.

Yes, and Mineral

Instructor: "You say in this paper that you know the connecting link between the animal and vegetable kingdoms. What is it?"
Student: "Stew."



We look forward to 1937 and the opportunity to be of friendly service to you again.

Roosevelt Inn Cafe

Bonneville

The Most Complete Restaurant on the Columbia River Highway

About 80 Varieties of Frogs and Toads in U. S.

Toads and frogs belong to the great group of animals having a backbone (phylum: chordata) and to the class of animals called amphibia, meaning a double manner of living, namely, in the water and on the land. The salamanders and many extinct forms of life belong to the amphibia.

There are about 80 different kinds of toads and frogs in the United States, writes Marie Gaudette in the Girl Scout Leader.

All toads and frogs lay eggs in the water. These eggs are covered with a jelly-like substance which serves as a protection from enemies and as food for the young tadpoles. Toads' eggs are laid in strings of jelly, about 4,000 to 7,000 eggs in all. Tree frogs usually lay the eggs singly or in groups of four to ten. Frogs' eggs are enclosed in a mass of jelly, 1,000 to 7,000 eggs in a mass. All these eggs are round and they vary in size according to the species.

The tadpole, or polliwog, hatches within a few days and lives in the water from two weeks to two years, depending upon the species. The bull frog takes about two years to go from egg to adult frog. There are no legs when the tadpole first hatches. The hind legs are first to appear, then the front legs; sometimes, the left front leg is the first of the front legs to put in an appearance. There are four toes on each front foot and five on each hind foot.

Danger From Lightning

Greater in Open Field

Relatively few people are ever struck by lightning, but it is well to try to avoid such a fate by bearing certain facts in mind. Lightning should be regarded as being very eager to get from the cloud to the ground by the path of least electrical resistance. It prefers to travel through metal; animal tissue is its next choice, then plant matter, and it goes through air only when nothing else is available.

The worst place to be during an electrical storm is standing upright in an open field, warns Dr. Thomas M. Beck in the Chicago Tribune. The next worst place is under an isolated tree. It is easier for electricity to pass along the wet branches than through the air, and from there to jump to a man than to pass through a dry trunk. Contrary to our instinctive belief, or horse sense, the vicinity of a well made lightning rod is far safer than that of a tree.

The safest place to be during a storm is either in a deep mine or in a skyscraper with a steel frame. If these are not immediately available, a house, preferably a well rodded one, is safe enough.

Tung Oil

Lamont Rowlands of Picayune, Miss., has a 10,000-acre grove of Tung trees. The trees are not hard to grow in an area that runs parallel to the Gulf of Mexico, about 100 miles northward from Florida to the Mississippi river. It is believed that the production of Tung oil may become an important factor in the South. Tung oil, which is largely imported from China, is used in making paint, oilcloth, linoleum, and kindred products. The oil can also be used in waterproofing pressed board.

Several Standby Designs



SEWING CIRCLE fans will get a "lift" out of this week's selection of dapper designs for home sewing. It's not a bit too early to be anticipating your first-of-the-year requirements and each frock here presented is a veritable winner in its class.

The cleverly cut slip, Pattern 1909, consists of just six simple pieces including the shoulder strap and offers a choice of straps or a built up shoulder. With a combination of bust ease and a fitted waist,

REVERSIBLE CAPE

By CHERIE NICHOLAS



Complete tweed ensembles are excellent style. The model pictured is a Creed masterpiece done in terms of select wool weave such as declares its style supremacy. The cape is made reversible, which is a feature to be commended as it adds to the adaptability of the ensemble to occasion. Tailored outfits of this type, with jacket suit and top cape, are a whole wardrobe in one.

this number will prove a popular favorite in silk crepe, crepe de chine, pongee, or taffeta. An excellent gift for an intimate friend, by the way, the pattern is available in sizes 14, 16, 18, 20, 32, 34, 36, 38, 40, 42, 44, and 46. Size 16 requires 3/4 yards of 39 inch material.

The slick princess frock, Pattern 1993, has everything it takes for success and—you'll hardly believe it, but it's so—requires just seven pieces for the pattern. Princess frocks are always tops for home sewing, and whether for campus, business, or general gadabout wear this clever number, with a choice of long or short sleeves, simply compels admiration and demands immediate attention. The sleeves are gay and youthful, the pockets trig and tricky. Your selection of fabrics is almost as long as the counter!—wool crepe, flannel, broadcloth, velveteen, silk crepe, satin, taffeta, linen, rough weaves, or cotton. Send today for Pattern 1993 designed for sizes 14, 16, 18, 20, 32, 34, 36, 38, 40, and 42. Size 16 requires 3 1/4 yds. of 54 inch or 5 1/2 yds. of 39 inch fabric.

The charming morning frock for matrons, Pattern 1841, speaks for itself. A one-piece model, five pieces to the pattern, it too offers a choice of long or short sleeves and slides through your machine in a jiffy. A perfect number for comfort combined with a pleasing appearance, this delightful pattern is available in sizes 34, 36, 38, 40, 42, 44, and 46. Size 36, with short sleeves, requires 3 3/4 yards of 39 inch material—percale, rayon, poplin, gingham, tub silk, or seersucker.

Send for the Barbara Bell Fall and Winter Pattern Book containing 100 well-planned, easy-to-make patterns. Exclusive fashions for children, young women, and matrons. Send fifteen cents in coins for your copy.

Send your order to The Sewing Circle Pattern Dept., 367 W. Adams St., Chicago, Ill. Price of patterns, 15 cents (in coins) each.

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Which Will You Take

community church. to the Chronicle's attention by Rev. L. G. Weaver of Cascade Locks. The following editorial was called

Entering the office of a well-known merchant, I lifted my eyes and found myself confronted with the brightest and most thrilling temperance lecture I ever steered myself against in the whole course of my life. It was an inscription marked with a pen on the back of a postcard nailed to the desk. The inscription read as follows:

Which?
Wife or Whiskey?
The Babes or the Bottle?
Home or Hell?

"Where did you get that, and what did you nail it up there for?" I asked the merchant.

"I wrote that myself and nailed it up there," was the reply, "and I will tell you the story of that card. Some time ago I found myself falling into the drinking habit. I would run out once in awhile with a visiting customer or, at the invitation of a traveling man, or on any slight occasion that offered. I soon found that my business faculties were being dulled, that my stomach was continually out of sorts, my appetite failing, and a constant craving for alcoholic stimulants becoming dominant. I saw tears in the eyes of my wife, wonder depicting on the faces of my children, and then I took a long look ahead. One day I sat down at this desk and half consciously wrote the inscription on that card. On looking at it on its completion, its awful revelation burst upon me like a flash. I nailed it up there and read it over a hundred times that afternoon. That night I went home sober, and I have not touched a drop of intoxicating liquor since. You see how startling is its alliteration. Now, I have no literary proclivities, and I regard this card as an inspiration. It speaks out three solemn warnings every time I look at it. The first is a voice from the altar, the second from the cradle, and the third and last from . . ."

Here my friend's earnestness deepened into a solemn shaking of the head, and with that he resumed his work.

I don't think I violate his confidence by repeating the story of that card. In fact, if it should lead to the writing of similar cards to adorn other desks, I think he will be immeasurably gratified.

A Good Stove Anyway

"I will never forget the time we bought our cookstove," remarked our Arkansas humorist, recently. "I remember it was a Saturday afternoon and we had old Maud up and haltered. Pa he wanted to go to town as usual, but Ma says, 'Now, Pa, they jist ain't room on that mule for you. You know Jim, and Lige, and Frindy is going, and I want to go too because we want to bring home our new cookstove today, and they jist won't be room for you on old Maud.'"

"Well, sir, Pa he stayed at home all right and the rest went to town and brung back the cookstove on the mule. Things went along right quiet for a spell and then, I remember our cousins from over in Amber Holler was over and they was admiring the stove and they asked Ma how she liked it.

"And Ma, she says, 'Well, it's mighty nice now, but come this winter when the menfolks will be out to their traps, I don't know what I'll do with nobody in the house to lift it on and off the fire.'"

Johnny Likes Chicken

Papa (to Johnny, four years old): "Won't you have another piece of duck, Johnny?"

Johnny: "Yes, please, father, I will. Duck's my favorite chicken, 'cept turkey."

\$15

To be Given Away

FRIDAY NIGHT AT 10 P.M.

"ASK THE MAN"

LAKESIDE HOTEL

Cascade Locks