

U. of O., Eugene, July 30.—Special—Dr. Ray Preston Bowen, associate professor of languages at Syracuse University, New York, has been appointed head of the department of romance languages at the University of Oregon. He will come to Eugene to take up his new duties at the beginning of the fall term.

Dr. Bowen holds three degrees, receiving his A. B. from Harvard, and his A. M. and Ph. D. from Cornell University. He has traveled extensively, especially in France, Italy, and Spain, and has studied at the University of Geneva, the Sorbonne, Paris, at Tours, Florence, and the University of Grenoble. In 1921-22 he obtained leave of absence from Syracuse to become a lecturer at the Sorbonne.

Dr. Bowen is the author of one book, "The Novels of Ferdinand Fabre", which was published in 1918, and has several articles published in such periodicals as Modern Philology, Modern Languages Publication, and Modern Language Notes.

At Syracuse University, with which he has been associated as a member of the regular or the summer session faculty since receiving his doctorate in 1916, Dr. Bowen was in charge of the graduate

work of the romance languages department.

Redheaded Woodpecker

Makes Electric Men
Redheaded Too

Woodpeckers have recently made a discovery, and because of it the men who have charge of electric transmission lines are faced with a new problem.

Melanerpes erythrocephalus, the redheaded plunderer of the woods, has learned that it is easier to drill a hole in a dry bark-less electric pole than in a tough tree; he knows, further, that little acorns, picked green, are good to eat when the cold weather comes.

Where a transmission line runs through country in which oaks grow, there is trouble. Woodpeckers drill hundreds of holes in a single pole, from the cross-arms to the base, and into each hole they drive an acorn. When the acorns are wet by rain they swell, starting cracks in the pole, and these catch and hold water causing the pole to rot.

The new problem faced by the electric service companies has become serious in several parts of the country, and no solution for it has yet been discovered.

Crows also discourages borers, and a belt of tin stops marauding squirrels bent on trips of discovery, but nothing as yet tried keeps the woodpecker from using the electric poles as storehouses for his winter's food.

Tree Dependent Upon Insect for Fertility

The noblest and most imposing tree in the Hawaiian Islands is the banyan. These trees do not produce seeds. Propagation is dependent upon one of the tiniest of insects, the fig wasp. The trees introduced into Hawaii, from Australia, China and India, are not propagated in the territory of Hawaii in that manner, and the tiny insects necessary to the production of mature fruit and seeds are not present there. The fig wasp goes into the figs for selfish purposes only. She is hunting for a place to rear her babies, and the only places that suit her are the female flowers inside the fig. She puts an egg in each flower which she selects, and in doing so, crawling about, pollinates the other female flowers with grains of pollen which she adhering to her body from the older fig where she herself had grown to maturity. The figs do not mature without the agency of the fig-wasps, and the latter cannot develop or exist without the presence of the figs in the proper condition for them. Numerous kinds of figs and banyan trees are native in many tropical countries, each having its own kind of minute insects called fig wasps to assist in seed production.

Here's Another Idea of Ancestry of Man

Most men believe that mankind is descended from one "Adam" or a single pre-human stock. Dr. Francis Graham, writing in the Forum, as a result of his studies of a type of imbecility called Mongolism, concludes that mankind is of three-fold origin.

According to this scheme, three great branches once diverged from a common stem. From one branch sprang the orangs and Mongolian and Australo-Caucasian man. From another the gorillas and the negroes. From the third the chimpanzees, and probably the Mesopotamian races.

Now, although schemes of this sort have been bitterly attacked, they do at any rate "explain" not only the occurrence of the Mongol in our midst, but the characters and incidence of certain forms of imbecility other than that we call Mongolism. If this hypothesis becomes established we shall have to admit that the population of Europe is a blend, in different proportions, of the black, the white and the yellow, and we shall find no difficulty in understanding many facts in anatomy and in medicine that have hitherto baffled us.

Born for Job

Senator Goophus' six-month-old son started howling at six o'clock in the morning. At 10 p. m. he was going strong. At midnight the storm subsided temporarily, but as the senator and Mrs. Goophus tipped out of the nursery, the howling broke forth with renewed vigor. It continued more or less vigorously until six o'clock the following morning, when Goophus, Jr., fell asleep.

Blear-eyed and haggard, the senator turned to his wife, "Maria," he said proudly, "our son's future is assured. He is going to be a United States senator. He has just conducted his first filibuster, most successfully."

Height of Mountains

The height of mountains is calculated by the use of instruments and trigonometry. If the instruments are accurate and there is no error in the figures the exact height of a peak above sea level can be ascertained without ever climbing the mountain. If afterwards a figure proves to be erroneous it is the fault of the instruments or the calculation, not the method. Mathematicians do not give round numbers when they are dealing with measurable distances. Practically these exact figures are often ridiculous.

Gunpowder's Invention

The origin of gunpowder is involved in considerable uncertainty, but it is believed that the mixture and its characteristic properties have long been known, even before its use to propel a projectile from some form of artillery. There is evidence that the recipe for making gunpowder was in the hands of some of the alchemists of the Thirteenth century, and, on the strength of passages in the works of Roger Bacon, he is often spoken of as its inventor. The discovery of gunpowder is also assigned to Berthold Schwartz, by whom it was mentioned in 1328.

Important Drugs Listed

In Kansas, a health jury has listed the 16 most important and useful drugs to be kept in the household first aid kit, as follows: Tincture of iodine, aromatic spirits of ammonia, aspirin tablets, milk of magnesia, boric acid, epsom salts, castor oil, zinc oxide, adhesive plaster, peroxide of hydrogen, sodium bicarbonate, glycerin, alkaline antiseptic solution, sirup of ipecac, powdered mustard, spirits of turpentine and olive oil.

Unreasonable!

The farmer took the new man out to a field and started him at plowing behind two horses. Two hours later the new man returned to the house utterly exhausted. The farmer asked him how he was getting on. "Not gettin' on at all," snapped the man, disgustedly. "How do you expect me to hold a plow with two big strong horses trying to pull it away from me all the time?"

Rising Young Star Fond of Cooking



Claiborne Foster, that clever little lady who makes Barry Connors' play, "Applesauce," the outstanding comedy success of the year, is an extraordinary young woman. She is generally recognized as one of the rising young stars of the American stage and her services and company are always in demand but such is her nature that she shuns the "bright lights" and leads a simple and unostentatious life wherever she may be. She is essentially a home girl, being passionately fond of cooking, an art at which she is very adept, and much of her leisure time is spent in the modest little kitchenette of her apartment. When not playing in some production, Miss Foster may be found at her home a short distance from New York city, where she revels in the joys of cooking for the whole family and her friends and spends her vacations doing the work of the ordinary housewife.

There are two dishes which are regarded with more favor by Miss Foster, than are any others. These are Bronk shrimps and chicken en casserole. She uses the simplest of formulas but insists upon the purest of ingredients, using pure butter, and evaporated milk. The recipes that she uses are:

Bronk Shrimps.
2 cups shrimps, Yolks 2 eggs
1/2 cup evaporated milk
1/2 cup water
2 tsp. salt
1/2 cup flour
Few grains cayenne
2 tsp. lemon juice
Clean the shrimps, and cook in half the fat for 2 minutes; add seasoning and lemon; cook 2 minutes longer. Remove shrimps and make a white sauce of the remaining fat, flour and milk; when thickened add yolks of eggs slightly beaten, stirring in quickly and cooking two minutes; add the shrimps.

Chicken en Casserole.
1 tender chicken 1 cup evaporated milk
for roasting 1/2 cup chopped butter
2 tsp. lard 1/2 cup parsley
Salt and pepper 2 cups chopped mushrooms
1 pint hot water
Clean chicken, split down back, and lay breast upward in casserole. Spread fat over breast, dust with salt and pepper, add hot water, cover closely and cook in hot oven one hour. When nearly tender put in evaporated milk, mushrooms and parsley. Cover again, and cook 20 minutes longer. Serve hot in casserole.

Health and Home

THE WOMAN WHO WORKS

In this new order of things, with women, both married and single, broadening their business activities, a very serious problem arises. It is the problem of what, when, and where to eat.

Breakfast is always a hurry-up meal for the men but much more so for the woman who goes to business. Lunchrooms, of course, are taken in the lunchrooms and restaurants in the business districts and are no problem. But how about dinners? Shall they, too, be restaurant meals or can they be so planned that business women may enjoy the home cooking of which they are so fond? Take away the element of haste and anxiety and in its place put carefully thought-out menus, well planned and easily prepared, and home dinners will again regain their high favor with the working housewife.

One of the big worries is frequently with the milk. Did it come? Is it fresh? Is it frozen? Has the milkman been paid? Are the bottles washed and set out? However, there is no cause for worry about milk. Why not keep a dozen cans of evaporated milk in your pantry? There are large cans, equal to a quart of milk and smaller cans that will meet the lesser needs.

For evaporated milk is just pure, fresh milk with more than half the water missing. This water can be replaced in a jiffy, if you so desire or you can use it as cream if rich and creamy foods are desired.

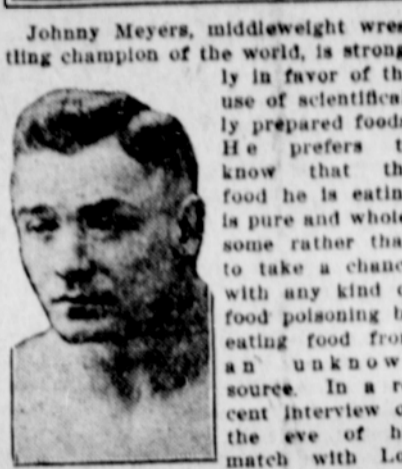
Here are a few recipes that may be used by "The Woman Who Works" for forming her plans for self help and good home cooking.

Scalloped Ham and Potatoes.
1 pound smoked ham 1 1/2 cups water
ham 1 green pepper
4 medium potatoes (may be omitted)
1 1/2 cups evaporated milk
2 tsp. salt Flour
Diluted with

Cover the bottom of an oiled baking dish with sliced, raw potatoes. Sprinkle with flour and pieces of ham 1/2 inch square. Repeat until dish is full. Fill dish 1/2 full of diluted milk. Bake until potatoes are tender.

Eggs en Casserole.
4 hard-boiled eggs 1/2 cup evaporated milk
2 tomatoes 1/2 cup water
2 tsp. butter 1/2 cup grated cheese
2 tsp. salt Buttered crumbs
Cut hard-boiled eggs in half and arrange around the edge of a greased casserole. Slice tomatoes in center of dish. Make a white sauce of the milk, water, fat and flour. Add cheese and stir over a low fire until cheese is well mixed and smooth. Pour over tomatoes and eggs. Cover with crumbs and bake twenty minutes in a moderate oven.

Champion Wrestler Tells What to Eat



Johnny Meyers, middleweight wrestling champion of the world, is strongly in favor of the use of scientifically prepared foods.

He prefers to know that the food he is eating is pure and wholesome rather than to take a chance with any kind of food poisoning by eating food from an unknown source. In a recent interview on the eve of his match with Lou Talaber, from whom he won his crown, he said: "I expect to win the crown from Talaber. He is a fine wrestler and uses more science than any man of the mat today. However, I feel sure that my superior physical condition will prevail and that I will emerge victorious and the champion of my division. Diet is a very important part of my program in training for a match. The system that I use is really very simple, involving only good judgment and caution in the selection of food. I prefer to eat scientifically prepared foods whenever possible and I never eat anything to which is attached the slightest doubt of its purity. I eat a great deal of canned foods because I am sure that they are pure and will have no ill effects on my digestive system. Take, for example, what food can do for the body—milk. It is the greatest of body builders and a very important part of any man's diet. But is sometimes impure or contaminated and may be the source of illness if used. Because of this fact, I use evaporated milk entirely and find it very satisfactory. I know that it is pure and that I will not suffer from its use. I know that it is a great body builder because the concentration of it gives it such food value. I know that it is easily digested, more so than market milk, in fact, because I drink it before going to bed and feel no effects of it in the morning. This is usually hard to do with ordinary market milk. This plan, in substance, is the same one that I use regarding other foods. If there is any chance or suspicion of impurity or low food value, I use something else.

"And if a man is so situated that it is impossible for him to get the proper amount of exercise, he must be doubly cautious not to partake of any but the purest food. On the whole, if a man eats with wisdom and observes the fundamental rules for good health, there is no reason why he should ever have a sick or uncomfortable day."

Health and Home

WHAT IS EVAPORATED MILK?

Did you ever stop to figure out the exact meaning of "Evaporated Milk"? The word "evaporated" may give you the idea that in the process of evaporation the milk has lost some of its valuable qualities. It hasn't. It has lost only water. Sixty per cent of the water is evaporated from the milk after it comes fresh from the cow.

The first step in processing the milk is the evaporation, when a portion of the water content is removed. The second step is the homogenization, which insures the cream being distributed evenly throughout the milk. The third is the canning. The fourth is sterilization, which takes place in the can when the milk is subjected to sufficient heat to destroy the bacteria. Thus evaporated milk remains as pure and fresh in the container as when it foamed into the pail in the farmer's barn.

Evaporated milk is now generally recognized as the freshest milk available to those not living on farms and producing their own milk. For freshness in milk means purity.

Transportation of milk from the dairy country to the city is well systematized and rapid and yet owing to the immense quantities of milk that must be rushed in daily, much of it must be obtained at considerable distances and a large per cent is necessarily some days old when it is delivered by the milkman.

Evaporated milk, on the other hand, is last night's and this morning's milk. From the dairy barn, always under rigid inspection, it is hurried by farmers to factories located in the heart of the dairy country and delivered when it is fresh. Evaporated milk is canned just at its "freshest moment," when it is in its finest state. It is never allowed to get old. The whole process from cow to can requires only a few hours. It may be interesting to know that the process of sterilizing takes place after the milk has been sealed in its containers. Once in its sterilized containers, there is no possibility of deterioration.

The sterilizing of evaporated milk insures its purity—it makes a safe milk for the children. Evaporated milk is boiled milk, and this makes it more digestible.

It may be used for any milk need with safety and economy. For ordinary cream needs, use it just as it comes from the can. When a rich milk is desired, add an equal part of water. For cooking and baking, two parts water and one part milk will usually suffice.

S. P. Railway Co.

TIME TABLE

Effective Sept. 7.

Trains will arrive as follows:

To Portland

No. 355	5:53 A. M.
No. 354	8:37 A. M.
No. 358	11:18 " "
No. 352	2:40 P. M.
No. 360	6:32 " "

From Portland

No. 351	9:33 A. M.
No. 357	11:10 " "
No. 359	2:40 P. M.
No. 353	6:00 " "
No. 356	7:13 " "

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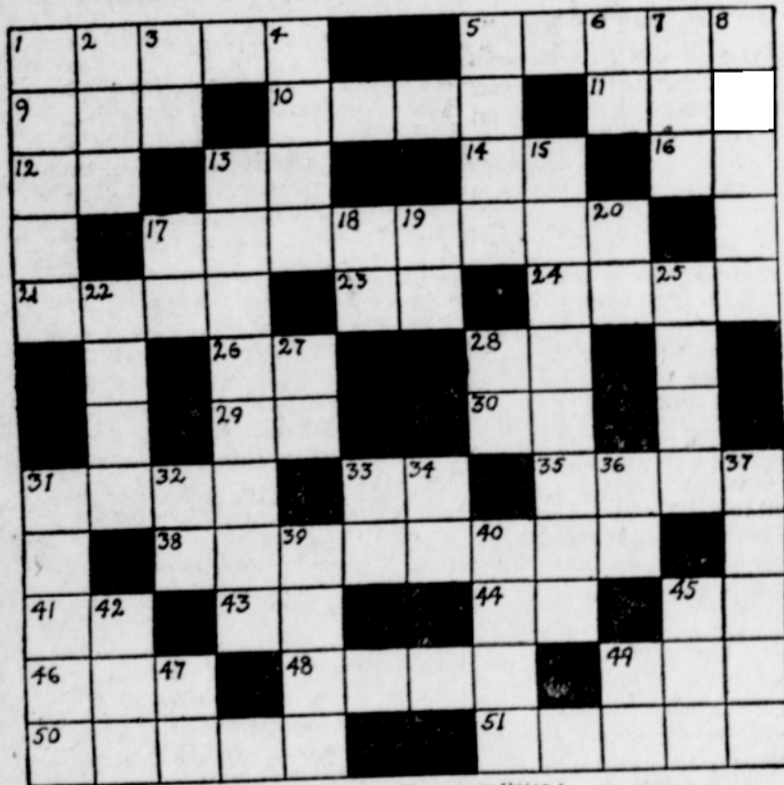
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CROSS-WORD PUZZLE No. 34



(© by Western Newspaper Union.)

Horizontal.

- 1—Frighten
- 5—Sticky substance
- 8—Play on words
- 10—Addition to a musical composition
- 11—Boating accessory
- 12—Pronoun
- 13—Exclamation
- 14—Negative
- 16—Egyptian sun god
- 17—Line denoting localities having equal temperatures
- 21—Without
- 23—A work (abbr.)
- 24—Entrance
- 26—Printing measure
- 28—Note of musical scale
- 29—Greek letter
- 30—Preposition
- 31—Sheep
- 33—Prefix meaning two
- 35—Prohibitionists
- 38—Pertaining to a force of nature
- 41—Leave!
- 43—You
- 44—That is
- 45—College degree
- 46—Yarn for wool (weaver's term)
- 48—Small particle of matter
- 50—Beast (pl.)
- 51—Glory

Vertical

- 1—Whirls
- 2—Lacerate
- 3—Article
- 4—Resound
- 6—Glass in a frame
- 9—Thus
- 7—Black sticky substance
- 8—Obliterate
- 13—Gathering
- 15—Kind of cloth
- 17—Preposition
- 18—Toward
- 19—Unit of power
- 20—Mother
- 22—Girl's name
- 25—Small
- 27—Greek letter
- 28—Behold!
- 31—Lawful
- 32—Personal pronoun
- 33—Abbreviation denoting time
- 34—Pronoun
- 36—A religion (abbr.)
- 37—Bare
- 38—Snake-like fish
- 40—To be borne along
- 42—Japanese sash
- 45—Snake
- 47—Tramp
- 49—Assimilated form of in-, meaning not

Solution will appear in next issue.

Solution of Puzzle No. 33.

