

Research Review

Zoology Professors Conduct Fish Pond Depletion Study

By BARBARA SCHEFFER

Scientists in the zoology department are looking toward bettering the luck of the fisherman.

A study is being conducted to determine how many pounds of fish can be removed during a year without depleting a pond for future years. Evidence found during the study could supply the angler with smaller quantity but larger fish instead of a large number of small fish.

EDWIN L. COOPER, professor of zoology and entomology, and George Krantz, graduate assistant in zoology, have been conducting their harvest study in a private lake owned by the Rockwell Foundation. The foundation also allots \$2,500 a year for the study.

Last year a field party removed about 70 per cent of the fish from the lake.

They found that fish, unlike other animals that will die when confronted with a food shortage and will mature at a smaller size. A large-mouthed bass for exam-

ple, had matured when only eight inches long although it was three years old. The fish had grown slowly because of lack of food. It did not die, however.

The idea of the study would be to determine at what point removal of the fish will cause a decrease in fish poundage for the coming year.

In a report containing speculative work for this spring, the two men anticipate "that the reduction in the fish population in the spring of 1963, after a detailed estimate of the population is completed, will approach 50 per cent

of the original weight of the population."

From this point, the scientists must see if the smaller number of fish will continue to grow and eventually reach the total weight of the fish in the previous large population.

THE SCIENTISTS hope to use their study to make recommendations on fish conservation through publications and also to bring their findings to the attention of the State Fish and Game Commission. Cooper pointed out, however, that the study is in no way affiliated with the commission

Matta Heads AWS Elex

Virginia Matta (8th-elementary education-Ardmore) has been chosen elections chairman for the upcoming Association of Women Students elections and Dorothy Powers (5th - mathematics - Glenside) was chosen co-chairman.

The elections chairman and co-chairman will work to coordinate the elections.

BREAKFAST SPECIAL

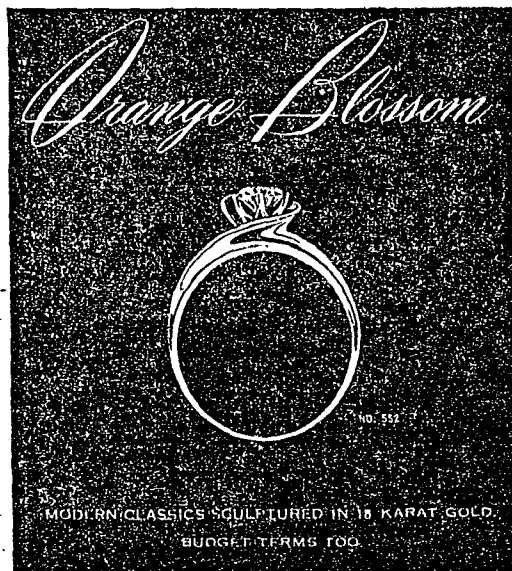
2 Eggs—Any Style

3 Strips Bacon
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Coffee Free

39c

Rea and Derick

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Warmer Weather Forecast

Winter is beginning to relax its frigid grip on much of the nation, but temperatures should remain slightly below normal for several more days.

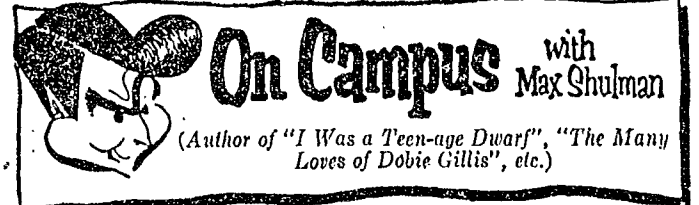
The mercury was forecast to dip close to zero again this morning, but some moderation in temperature is indicated for this afternoon. Mostly cloudy skies should persist through tomorrow.

Yesterday morning the mercury dipped to 15 below zero in Indiana, and readings of 10 to 15

below zero were expected in some sections of Pennsylvania early today.

Today should be cloudy and cold with a few light snow flurries. A high of 28 degrees is expected.

Snow is expected tomorrow morning and snow, sleet or rain is forecast for the afternoon. Temperatures will remain slightly below freezing through tomorrow; a low of 23 is indicated for tonight and a high of 30 is seen for tomorrow.



CALPURNIA, HERE I COME

Now, as the college year approaches its mid-point, one fact emerges clearly: you are all going to flunk everything.

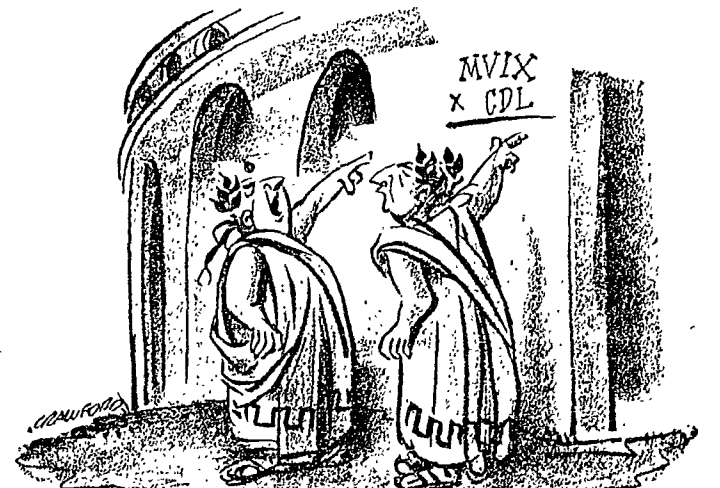
There are two things you can do about it. First, you can marry money. (I don't mean you marry the money itself; I mean you marry a person who has money. Weddings between people and currency have not been legal anywhere in the United States since the Smoot-Hawley Act. Marlboro Cigarettes, on the other hand, are legal everywhere and are, indeed, smoked with great pleasure and enthusiasm in all fifty states of the Union. I bring up Marlboro Cigarettes because this column is sponsored by the makers of Marlboro, and they are inclined to brood if I omit to mention their product.)

But I digress. I was saying you can marry money but, of course, you will not because you are a high-minded, clean-living, pure-hearted, freckle-faced American kid. Therefore, to keep from flunking, you must try the second method: you must learn how to take lecture notes.

According to a recent survey, 123.6% of American undergraduates do not know the proper way to take lecture notes. To illustrate this shocking statistic, let us suppose you are taking a course in history. Let us further suppose the lecturer is lecturing on the ruling houses of England. You listen intently. You write diligently in your notebook, making a topic outline as you have been taught. Like this:

- I. House of Plantagenet.
- II. House of Lancaster.
- III. House of York.

Then you stop. You put aside your pen. You blink back a tear, for you cannot go on. Oh, yes, you know very well that the next ruling house is the House of Tudor. The trouble is you don't know the Roman numeral that comes after III.



(It may, incidentally, be of some historical interest to point out that Americans are not the only people who don't know Roman numerals. The Romans didn't know them themselves. I suppose they could tell you how much V or X were or like that, but when it came to real cuties like LXI or MMC, they just flung away their styluses and went downtown to have a bath and take in a circus and maybe stab Caesar a few times.

(You may wonder why Rome stuck with these ridiculous numerals when the Arabs had such a nice, simple system. Well sir, the fact is that the Emperor Vespasian tried like crazy to buy the Arabic numerals from Suleiman the Magnificent, but Suleiman wouldn't do business—not even when Vespasian raised his bid to 100,000 gold piastres, plus he offered to throw in the Colosseum, the Appian Way, and Charlton Heston.

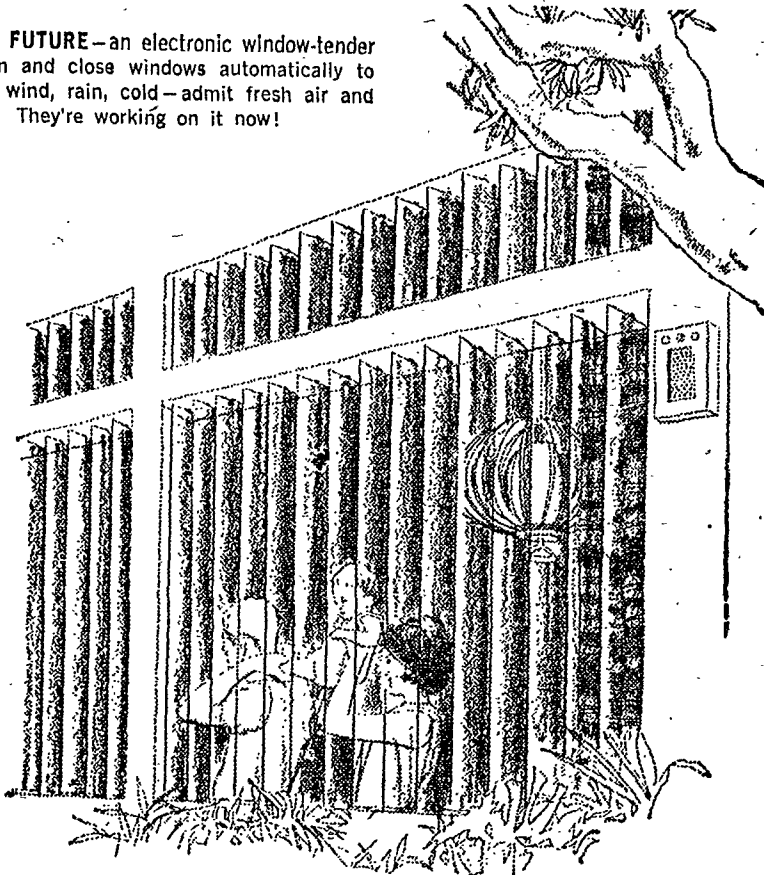
(So Rome stuck with Roman numerals—to its sorrow, as it turned out. One day in the Forum, Cicero and Pliny got to arguing about how much is CDL times MVIX. Well sir, pretty soon everyone in town came around to join the hassle. In all the excitement, nobody remembered to lock the north gate and—wham!—before you could say pecco fortiter, in rushed the Goths, the Visigoths, and the Green Bay Packers!)

Well sir, that's the way the empire crumbles, and I digress. Let's get back to lecture notes. Let's also say a word about Marlboro Cigarettes. The makers would be so pleased! And is it not fitting that we should please these honest tobaccoists—these fine men, fond of square dancing, water sports, protein, and tattoos—these tireless perfectionists who spend all of their days trying to please us—searching everywhere for the best of all possible tobaccos, aging them with patience, blending them with tender, loving care? Marlbors are available in soft pack and flip top box. You will find XX cigarettes in each package.

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Marlborum amo, Tom Marlborum amat, Dick Marlborum amat, Harry Marlborum amat, June Marlborum amat, Joan Marlborum amat, Jean Marlborum amat, Jane Marlborum amat, quique Marlborum amant—et Marlborum quoque amabitis.

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