

7. Tests for starch, fat, glucose, protein on beans, corn, potato and onion
8. Digestion of starch
9. Absorption of water by root
10. Osmosis when membrane is a closed one (egg)
11. Effect of cuticle (apple) and bark (potato) upon rate of transpiration

Soil

1. Air in soil
2. Water-holding capacity of soil
3. Root systems penetrating soil

Fruits

1. Types of fruits
2. Fruit dispersal

Health

1. Effect of sterilization, pasteurization, and storage temperature upon milk
2. Petri dishes of nutrient agar exposed to everyday objects
3. Removal of a colored bacterium from hands by washing hands different way

Clay Modeling of mitosis, meiosis, earthworm**Garden Design** of colored renderings and planting plans of garden designs (entrance to a property, foundation planting of a house outdoor living room)

Gentlemen:

The writer has had a long experience with over one half century with magazines devoted to human betterment. . . . He is profoundly convinced that the value of at least one cover illustration such as in your March number adds to the attractiveness thereof. . . . "One picture is worth a thousand words."

May I contribute to NABT the widow's mite toward the future expense of such front page illustrations.

Very earnestly,

C. M. GOETHE,
Sacramento, California

EDITOR'S NOTE: Attached to this letter was a check for considerably more than the cost of a cover picture. Thank you, Dr. Goethe!

Dear Sir:

Will you risk publication of some comments that to some may seem political? Writing in May for your October issue, I none-the-less feel sure the following matter will still be of interest to biologists: let us hope so, anyway!

The so-called "Tidelands Oil" controversy has been settled. But for some of us this matter will never have been settled until the nation as a whole receives benefit from its offshore petroleum property. While the "extended debate for educational purposes" was going on, in March and April, I wrote to several conservationists, whom I expected to be as alarmed as I was, urging them to protest. These people seemed not to be interested. In effect they said, "This is a political matter, and somewhat confusing to boot. What has it to do with us?"

I would suggest not the obvious reply that conservation is broad enough to reach beyond fish and game to forests, grazing lands, mountain scenery and even (dare I add?) human resources; but rather I would point to the fact that the same interests whose political activities have snatched untold wealth in petroleum from the public domain may not be expected to keep hands off other national resources. For surely we know enough of the persistent and powerful lobbies for private control of public power, private exploitation of public grazing lands, and private removal of public forests, not to suppose that the Tidelands Bill has greatly encouraged these interests. Should conservationists be content with consuming whatever fragment of the public domain is left to us after individual avarice has been appeased? . . .

Perhaps we cannot retrieve what our Congress has so generously given away for us. But at least our protest, if made often and strongly, may arrest a trend; a trend toward similar disposal of other public property—parks and forests, even fisheries and game.

Sincerely yours,

ARTHUR W. JONES,
*Assoc. Prof. of Zoology,
Univ. of Tennessee, Knoxville*

AUDIO-VISUAL NEWS

. . . The popular 78 rpm record albums of bird songs produced through the facilities of Cornell University (AMERICAN BIRD SONGS, Vol. 1 & Vol. 2) soon should be available in 33-1/3 and 45 rpm speeds.

. . . Many enthusiastic listeners who heard the intermission program of bird songs during the Nov. 30, 1952 broadcast of the New York Philharmonic Symphony Orchestra now own the delightful 10 inch, 33-1/3 rpm record, MUSIC AND BIRD SONGS. Also produced at Cornell, this recording emphasizes the high musical qualities of bird and frog sounds. It may be purchased from Comstock Publishing Associates, 124 Roberts Place, Ithaca, N. Y.

. . . The manufacture of antibiotics provides the subject for a new 25-minute black & white film, ". . . AND THE EARTH SHALL GIVE BACK LIFE." Photographed by Louis de Rochemont and containing views taken through an electron microscope, the film may be obtained for group showings from E. R. Squibb & Sons, 745 Fifth Avenue, New York 22, N. Y.

. . . Magnetic sound movie makers will be interested in a new publication, PIONEER TRACKS, which is designed to serve as an exchange medium for ideas and experiences in magnetic sound recording. If you would like to receive subsequent issues, send your request to Bell & Howell Company, 7100 McCormick Road, Chicago 45, Ill.