

women who habitually abort are capable of producing living, apparently non-syphilitic children when given specific treatment through each pregnancy.

4. Many more non-syphilitic living children were born when anti-syphilitic treatment was begun before the fifth month of pregnancy than when treatment was delayed.

5. If an early syphilis appears late in pregnancy, some treatment begun at

this period and continued until termination of the pregnancy, even though it is only a small amount, will be of value in the production of a living child.

6. Treatment during a preceding pregnancy is insufficient protection for the present pregnancy, even though the syphilitic woman has a negative blood reaction. It is necessary to treat her throughout each pregnancy in order to insure a living non-syphilitic infant.

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worked in New Jersey, Aldo Leopold explained the Wisconsin system, F. B. O'Connell spoke of conditions in Nebraska, from the neighbor state of Iowa came Logan Bennett, and A. L. Clark related developments in Connecticut.

Yellow corn, though not a native plant, seems to be the best thing for bobwhite quail under winter conditions in the West, Prof. Paul L. Errington of Iowa State College told his colleagues. Some weed seeds they eat freely and digest, he said, but such things as sumac fruits and wild-rose hips, often thought of as natural quail food, they resort to only when real starvation threatens. These cut their hunger deaths by about fifty per cent.; but there is little real nutriment in them for the birds.

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#### WILD LIFE

## Are Duck, Bobwhite, Deer On Way to Extinction?

### Conference Hears That Even Cottontail Rabbit Is Becoming So Scarce That Replacement Is Needed

**E**XTINCTION'S shadow hovers hawk-like over America's remaining wildlife. Will mallard and bobwhite, deer and beaver, vanish as passenger pigeon, great auk, and heath hen have vanished?

No, was the emphatic answer given at the first session of field biologists and conservationists, gathered for the first North American Wildlife Conference, held in Washington. Several score of wildlife scientists and wildlife administrators spoke their minds on special problems, in papers presented at sectional sessions.

It might be thought that the prolific cottontail rabbit would be about the last animal to cause conservationists worry by diminishing numbers, yet such is not the case. Although in some states the value of the cottontails shot annually is greater than that of all other game put together, the supply is running low enough, in some localities, to necessitate the spending of thousands of dollars a year for breeding and replacements of these animals, Dr. R. E. Trippensee, professor of wildlife management at Massachusetts State College, informed the meeting.

Wildlife conservation and replenishment is not entirely a matter for Federal and State agencies, spending millions of dollars upon thousands of square miles of land. Every farmer can run his own conservation program, and many thousands of them are already doing it, on a really scientific basis. Sparing brushy timber patches on creek bottoms and

upland, encouraging shrubs and low trees where gullies need to be checked, planting patches of such game feeding crops as milo maize and leaving them for the birds to harvest, are some of the background elements of such farm-wildlife projects. Game thus encouraged becomes a paying crop in the end, under several different cooperative schemes in force in various states.

L. G. MacNamara told how it is

#### GENERAL SCIENCE

### "Circus of Science" Will Tour the Country

**A** CARAVAN of 28 motor trucks containing exhibits of science in industry is going on tour throughout the country, Alfred P. Sloan, Jr., president of General Motors Corporation, has announced.

Frankly using the idea behind the Chicago Century of Progress, the "circus of science" will bring to leading



#### SCIENCE JOINS THE CIRCUS

*Robert Audet, theatre manager, uses the arts of the stage to bring home the facts of science to the audience attending the "show" of General Motors Parade of Progress.*