## AFTER INSECTS EASTERN EDITOR INJURIOUS TO PAYS A VISIT TO THE TEXAS PECAN

ing the Pecan in Texas is Nut Case Bearer.

Professor S. W. Bilsing gave an illustrated lecture on "Insects Injur- ity was surprised by a brief vis ious to Pecans in Texas" before the Theo. H. Price of New York, Editor meeting of the Horticultural Society Price had promised to visit the Col-Tuesday afternon.

This insect causes a loss bearer. varying from ten per cent up to thirty per cent of the crop, depending chief-ly on climatic conditions. Last year the damage was less than in previous years

There are four stages in the life though it was such a short one—a history of this insect. The adult or stop off between trains. parent is a small gray moth which is very difficult to find.

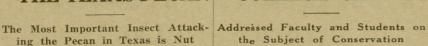
insect is the part of the life history which does the damage. The insect hibernates or spends winter in the general subject of conservation, and larval stage at the base of the buds. In the spring about the last of April the larval commences feeding in the ends of the new growth of the twigs is present tendency of certain leaders to meta subject of conservation, and reaction. He said if our language were idiographic these two words would look alike. He deprecated the present tendency of certain leaders and turns to the resting or pupal to make indiscriminate condemnation stage in the burrow where it fed. The of persons and philosophies as being middle of the pestle of the young nut or under the colyx. Eggs are also sometimes deposited at the base of the nut. The larva which hatches from this egg enters the nut at the base and hollows out the less than the damage of succeeding generations. After the larva has become fulgrown it turns to a dark brown pupal or resting stage within the nut. The larva itself is a pinkish color when first hatched but later turns to a gray color with a greenish tinge. Just before pupation it turns bright green.

There are four generations during the spring and summer. The larvae of the first two generations hollow out the nuts. In the third generation te larvae lives between the hull and and the nut. The moths of the last generation oviposit on the leaf buds. The larvae which hatch from these burrow under the bud and remain there until the next spring, when life cycle is repeated.

About fifteen species of parasites keep this insect in a greater or lesser degree of control. They do the most good after the first generation and succeed in keeping the later gener-ation pretty well in control. Were it not for these parasites this moth would destroy the entire crop of nuts in many cases. According to the data we have compiled they control about sixty percent of the larva.

The most effectual artificial control method is to spray with arsenate of lead at the rate of three pounds per fifty gallons of water just after the nuts have been pollenated and again in ten days after the first spraying. It is desirable to use a good spray gun so the liquid can be effectually forced into the nut clusters.

It is reported that 95 per cent of the people of Hungary want a king. Well, can't 95 per cent of any free nation get together and elect a king? —Cleveland Plain Dealer.



and Reaction.

On Tuesday the College communlege in the event that he should hap-pen to come to Texas soon, but his The most important insect attack-ing the pecan in Texas is the nut case telegram received Monday stating that he would make us a visit on the following day took us somewhat by Owing to the continually surprise. growing interest in Commerce and Finance we were justly delighted to have its editor make us

arent is a small gray moth which very difficult to find. The larval or worm stage of the inar. His address like his articles, to make indiscriminate condemnation

It would seem that unless persons occupying positions of leadership the nut. It is this generation which does the most damage. However the average person notices this damage we know it we may be persecuting the innocents. At this time the state of public opinion in money respects resembles that of a mob, turning on any subject to which a loud voice may call them.

After his address, through the kindness of Dr. E. P. Humbert, Mr. Price was given a birdseye view of the Experiment Station farms and the College grounds and buildings. He expressed great interest in, and admiration for the work of the Col-lege. He promised to visit here again, probably next fall when he will have longer to stay.

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