ten years to again become very destructive. This last destructive outbreak reached its maximum, I think, about four or five years ago, whereupon the scale again almost entirely disappeared for a year or two, but at the present time is again increasing in numbers. *Hymenopterous* parasites seem to be responsible for this irregularity in the fortunes of the insect.

At this point, the meeting of the Association adjourned and the Section on Horticultural Inspection convened.

Section on Horticultural Inspection

E. C. COTTON, *Chairman* J. G. SANDERS, *Secretary*

The Section on Horticultural Inspection met in the Soldan High School, St. Louis, Mo., January 1, 1920, at 1:30 p. m., for a single afternoon session.

In order to conserve time, the chairman, E. C. Cotton, dispensed with his address, and after preliminary remarks called for the first paper:

1. "Treating Nursery Stock for the Control of San Jose Scale," which was read by Mr. K. C. Sullivan, and briefly commented on by some of the members.

2. "The Present Status of *Aleurocanthus woglumi* Ashby in the Panama Canal Zone" was not given by Mr. H. F. Dietz, owing to his earlier withdrawal from the U. S. Bureau of Entomology, but Mr. C. L. Marlatt stated that this paper would, in all probability, be published as a bulletin of the Federal Department.

3. The paper on "Important Foreign Insect Pests Collected on Imported Nursery Stock in 1919" was read by Mr. E. R. Sasser, and discussed by the members present.

Mr. E. E. Scholl stated that the horticultural associations of Texas strongly urged that federal port of entry inspection be established at Galveston. Report was made that federal funds for this purpose had been asked for by the Federal Horticultural Board.

4. The paper on "The Japanese Beetle Problem" was read by Mr. J. J. Davis, and a number of very interesting and instructive slides were shown. Discussion followed.

5. The paper on "The Japanese Beetle Quarantine Work" by C. H. Hadley was omitted, on account of his absence from the meeting.

6. The interesting and very instructive report by Mr. C. L. Marlatt, chairman of the Federal Horticultural Board, on "Federal Plant Quarantine Work and Coöperation with State Officials" was listened to with the greatest interest by everyone present, on account of the

importance of the coöperative possibilities of the Federal Board with state officials in the control of dangerous insects and plant diseases.

BRIEF RÉSUMÉ OF MR. MARLATT'S REPORT

It was made clear that every pronouncement and quarantine issued from the Federal Horticultural Board, is the result of careful study and consideration by leading officials of the Agricultural Department, and, finally, by the sanction of the Honorable Secretary of Agriculture. The results of investigations and the knowledge of the authorities of the entire world are brought to bear on the work of the Federal Board; state officials are taken into consultation, and full consideration is given to every proposition which comes before the board for decision.

The work of the Federal Board has grown to enormous proportions—hardly believed possible in so short a period, since the establishment of the board. The introduction of many new serious pests from foreign countries, attacking our staple crops, has demanded rapid, generous action to cope with the situation.

One of the largest problems confronting the board has been the cotton pest control in the south, particularly along the entire Mexican border, brought about by the introduction and establishment of the pink boll worm. The Federal Board at this time controls all the traffic along the entire Mexican border, and has erected the largest plants for fumigation in the world, which will accommodate fifteen standard freight cars at one time. The attempts at eradication of the pink boll worm have demanded the utmost efforts, and the keenest ingenuity and management on the part of the board officials.

The board inspection service has grown rapidly, and is now established at such important points as Boston, New York, New Orleans, San Francisco and Seattle, with other ports under immediate consideration. It would seem that ultimately the Federal Board port inspection service will be as far-reaching as the customs service, and will work jointly with the latter service.

The intensity of the work looking toward the control of several of our pests, is scarcely realized by the people generally, nor do they realize the efforts which are being made to protect the agricultural and horticultural interests of the United States at this time.

The potato wart, which has very serious potentialities, and which was introduced from Europe into several points in Pennsylvania, and has been discovered in northern West Virginia, is under strict quarantine, and hope is held that the disease may be prevented from further general spread. The determination that several of our American varieties are immune, and also the possibility that some of the immune varieties from the British Isles, which are under test, will prove satis-