

Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

1.9
Em 83
E-70.

UNITED STATES DEPARTMENT OF AGRICULTURE,
BUREAU OF ENTOMOLOGY.
WASHINGTON, D. C.

FOREST ENTOMOLOGY.

June 20, 1916.

Brief D. ON THE DYING OAK AND HICKORY TREES ON LONG ISLAND, NEW YORK.

OBJECTS AND RESULTS OF
INVESTIGATIONS.

OBJECT d. To determine the localities and communities in which there is a manifested desire for expert advice on methods of control and to make a concerted effort to follow such advice.

Results. With the exception of Prospect Park and vicinity, and at Lloyd Neck, Jericho and Port Jefferson very little specific information has been secured under **Object d.** The answers to the post card inquiries and the general correspondence show a general interest among the principal property owners throughout the affected area, but specific information is to be gathered during the summer by correspondence, special investigations, and conferences at meetings of property owners.

OBJECT e. To determine the localities and communities in which there are especially favorable conditions and facilities for conducting extensive control work.

Results. The results under **Object e.** have been the same as under **d.** The favorable conditions for control work will depend upon the character and extent of the infestation and the interest manifested by the principal property owners in the assistance the Federal government is making available to them.

The facilities will consist in the funds and labor available and in community conferences or organizations to secure advice and instructions, devise ways and means, etc.

OBJECT f. To determine the character and extent of the work of the two-lined chestnut borer.

For results under this **Object**, see Brief I on the Dying Oak Trees on Long Island.

OBJECT g. To determine whether conditions and facilities are favorable for including the infested oaks in the control operations against the hickory barkbeetle.

Results. It has been determined that, as a rule, the oaks are dying in the same localities in which the hickories are dying and that the habits and seasonal histories of the two species of insects are so nearly alike as to require practically the same methods of control at the same time. Therefore, wherever both insects are at work, the conditions and facilities that are favorable for carrying on control work against one species will be equally favorable as applied to the other species.

OBJECT h. To give instructions on the practical details of controlling the insects and to endeavor to bring about sufficient action on the part of public officials of parks, etc. and private owners to effectually protect the hickories and oaks of the Island from further depredations.

Results. This has been done in connection with the work on Lloyd Neck and in the vicinity of Jericho and Port Jefferson and, to a limited extent, in a number of other localities with most gratifying results.

It is planned to give special attention to this feature of the project during August, September and October through our local representative Mr. L. C. Griffith, stationed at Lynbrook, L.I., N.Y. Mr. Griffith, so far as time and funds for travel will permit, will be available for giving instructions to special community meetings, conferences or groups of the principal property owners upon written requests of five or more property owners, addressed to the Bureau of Entomology. All such services will be rendered without cost to the community or individuals, except so far as transportation may be furnished to and from the Railroad Stations.

In addition to such personal instructions and assistance, information on the various phases of the subject will be available to all correspondents in the form of flexotyped "Briefs", printed folders, placards, etc. In fact everything possible is being and will be done to help the communities and individuals who manifest an active interest in the movement and intend to do their part towards saving the hickories and oaks from the fate of the chestnut, but we can not reach or help those who will not help themselves.

A. D. HOPKINS,

Forest Entomologist.

CONFIDENTIAL

TOP SECRET - FRODO BAGGINS

CONFIDENTIAL

CONFIDENTIAL - FRODO BAGGINS

CONFIDENTIAL - FRODO BAGGINS

CONFIDENTIAL - FRODO BAGGINS

CONFIDENTIAL - FRODO BAGGINS

CONFIDENTIAL - FRODO BAGGINS

CONFIDENTIAL - FRODO BAGGINS