

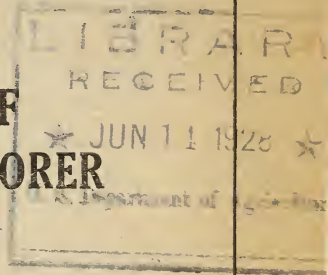
UNITED STATES DEPARTMENT OF AGRICULTURE
MISCELLANEOUS CIRCULAR No. 46

WASHINGTON, D. C.

Issued September, 1925
Revised and Enlarged May, 1928

A BIBLIOGRAPHY OF
THE EUROPEAN CORN BORER

(*Pyrausta nubilalis* Hbn.)



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Bureau of Entomology



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During the 10 years which have elapsed since the discovery in 1917 that the very serious pest known as the European corn borer (*Pyrausta nubilalis* Hübner) had been introduced into the United States there has developed a gradual but widespread interest on the part of the American public in the insect and its control. As this is undoubtedly the most dangerous enemy of Indian corn that has ever appeared in this country, the best efforts of both Federal and State agricultural authorities have been directed to the working out of effective control measures. The interest thus aroused likewise stimulated researches that resulted in the production of publications on the subject in such numbers that in 1925 the department published the first edition of this circular, a bibliography comprising 584 titles of the more important of these technical and popular publications issued previous to January 1, 1925.

In the three-year period 1925 to 1927, inclusive, the continued spread of the pest into areas nearer the main Corn Belt of the country, the large appropriations and consequent extension of Federal and State quarantines and regulatory activities, and the growing general interest in the whole subject have caused new publications to increase in number at a rapid rate. There is now a definite need for an enlarged bibliography, in order to include the recent publications.

While special effort has been made in the preparation of this paper to assemble all of the more important available references, both to European and American literature, on the insect previous to January 1, 1928, it is almost too much to hope that every one of these has been included, and notice of any important omissions will be gratefully accepted. A number of articles which have appeared in agricultural journals and like publications are included where special his-

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All references not available in Washington for examination are preceded by an asterisk (*). Thanks are due to the administrative officials of the library of the Department of Agriculture and of the Library of Congress, not only for extending the usual privileges but also for special kindness and attention.

torical or economic interest is involved, as such articles often furnish the only sources for information of considerable value. Effort has been made to include all papers having any such value and to omit all articles of minor or incidental importance, especially those representing duplication from other printed sources. However, a complete card bibliography, comprising all known references of every kind pertaining to the insect and containing approximately 1,100 titles, has been prepared by the writer for the Division of Cereal and Forage Insects of the Bureau of Entomology in Washington and is available for consultation by students and others who may be interested.

An analysis of the origin and general character of the titles which make up the published list shows that 123 represent foreign literature, 61 are on Canadian investigations, and 5 on Canadian quarantine. There are 109 titles by research workers of the United States Government and 69 dealing with United States Federal quarantine matters, while 117 pertain in some way to records of the activities of the United States Congress. There are included 274 titles by State officials and 109 regarding State quarantines. There are also 67 magazine articles and 7 books printed independently of official sources. While the bibliography of January 1, 1925, contains 584 titles, the present bibliography includes a total of 914 titles, 330 having been added during the three-year period 1925 to 1927, inclusive, an increase that is eloquent of the growth and intensity of public interest in the corn borer.

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