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Distribution of Brood B of White Grubs in Iowa in 1928

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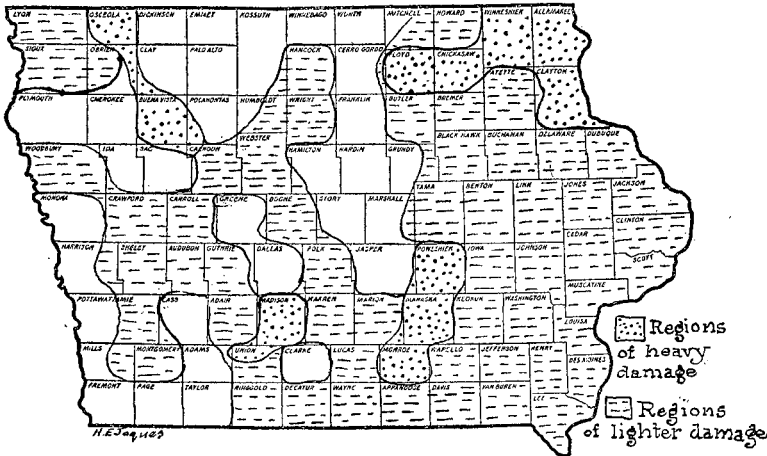
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DISTRIBUTION OF BROOD B OF WHITE GRUBS IN IOWA IN 1928

H. E. JAKUES

Since most of the rather large number of species of May beetles appearing throughout the middle west seem to have a three year life cycle with a greater or smaller number of individuals appearing each year, the resulting three broods have been designated A, B and C. Brood A, which last appeared as destructive grubs in 1927, is the largest brood and causes heavy damage in many sec-



The 1928 Infestation of White Grubs in Iowa

tions of the United States. The damage from the grubs of Brood A seems to have been increasing in Iowa in recent years.¹

Brood B has been thought to be of minor consequence as far as regions of marked damage is concerned. The last appearance of this brood in the active white grub stage was the spring and summer of 1928. A survey of their activities in the state of Iowa was surprising in that it revealed more serious loss than is generally attributed to this brood. The accompanying map shows the areas of damage. The information making the map possible has come from many sources.

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¹ Jaques, H. E. Brood A of the May beetles extends its range in Iowa. Proc. Ia. Acad. Sci., Vol. XXIX, pp. 163-164. Jaques, H. E. The 1924 outbreak of brood A of White Grubs in Iowa. Proc. Ia. Acad. Sci., Vol. XXXI, pp. 423-424. Jaques, H. E. The Distribution of White Grubs in Iowa in 1927. Proc. Ia. Acad. Sci., Vol. XXXV pp. 303-304.