

Determination of Insect Parts in Tomato Products. B. J. Howard. Reissued 10/5/38.

Estimation of Insect Excreta in Flour. B. J. Howard. 1/7/39.

Method of Examination of Fig Paste for Insects. B. J. Howard and J. D. Wildman. 2/13/28. (Revised 12/19/39).

Testing Raspberries and Loganberries for Beetle Infestation. B. J. Howard and J. D. Wildman. May 1931.

Method for Determining Insect Excreta in Fig Paste. B. J. Howard and J. D. Wildman. Revised 12/19/39.

Method for the Recovery of Fly Eggs and Larvae in Tomato Products. Frank R. Smith 3/9/42.

Method for the Estimation of the Number of Insects in Canned Greens. J. D. Wildman. 5/21/37.

Examination of Candy for Filth. St. Louis Station, April 26, 1940.

Method for the Recovery of Filth from Flour. 9/12/38.

A NEW SPECIES OF CUTEREBRA FROM KANSAS.

(Diptera: Cuterebridae.)

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The warble fly described below is a parasite of *Neotoma flavidianus osagensis* Blaiv. in the Vicinity of Fall River, Kans. It was first recovered by C. W. Hibbard, Department of Zoology, University of Kansas, Lawrence, Kans., who sent specimens to me for identification. It was later reared in some numbers by my friend R. H. Beamer, of the same institution. Because Dr. Beamer has a paper in preparation which describes the habits of this fly, it is necessary to publish the following description in advance of a larger work on the North American botflies which has been in the course of preparation for the past several years.

Cuterebra beameri, new species.

A medium-sized black species with infusate wings.

Male.—Head black; vestiture black; frons three-fifths as wide as one eye; parafrontale and parafaciale with numerous minute punctures;

parafaciale wide; parafrontale and parafaciale with five small yellowish golden spots on eye margin, the former with an additional small spot on the inner anterior margin; faciale mostly pitchy black; bucca behind the metacephalon golden with golden hair.

Thorax brownish black; dorsum with short black hair, laterally with longer yellowish-golden hair; pleuron with golden hair.

Wings deeply infusate.

Legs black, tarsal segments expanded.

Abdomen brownish black, laterally yellowish golden with circular dark markings.

Female.—Similar to male; frons one-fifth wider than one eye; yellowish spots on parafrontale and parafaciale smaller; thorax without yellowish hair laterally; abdomen with yellowish lateral spots smaller.

Holotype.—Male, in the University of Kansas collections.

Paratypes.—One male and one female, in the above collections.

Type locality.—Fall River, Kans.

NOTICE TO AUTHORS AND READERS.

If authors desire to receive the cuts used in illustration of their articles they should request them within a year after publication. Present needs for the metals used in these cuts make it necessary to discard them promptly if they are not used. Authors desiring cuts used before 1942 should request them within the next few weeks.

We hope to have Memoir No. 2 available within the next month or two. It will be by Dr. A. G. Böving and will treat of classification of larval Phyllophaga, or well known white grubs. As such, it will be of importance to economic as well as general entomology. The cost will be in the neighborhood of three dollars.



Hall, David G. 1943. "A new species of Cuterebra from Kansas (Diptera: Cuterebridae)." *Proceedings of the Entomological Society of Washington* 45, 25–26.

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