

## A MORPHOLOGICAL STUDY OF THE HEAD AND MOUTH-PARTS OF THE BLOW-FLY

### ABSTRACT

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In order to reach a correct interpretation of the head and mouth-parts of the highly specialized Muscidae it is necessary to study the more generalized Diptera. At present such a study is being made. So far I have been able to secure representatives of thirty-eight families out of sixty-one listed by Williston. As a result of the observations on the forms thus far studied, a number of interesting relationships with respect to the mouth-parts have been worked out. When all the observations which I propose to make have been recorded, I feel quite sure that a number of the different points in the interpretation of the mouth-parts of the higher Muscidae (Blow-fly) will be made clear.

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