

# Drosophila guide - introduction to the genetics and cytology of Drosophila melanogaster

## Carnegie Institution of Washington - Drosophila Melanogaster Genetics Lab Report Example

Description: -

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Northwestern States -- Description and travel

Nebraska -- Description and travel

Psychology

Physiological Psychology

Florida. -- Legislature -- Election districts

Park concessions -- Washington (State)

Forest reserves -- Utah

Grazing -- Utah

Rainier National Park Company

Potomac River

Water quality -- Potomac River Estuary

Water quality -- Potomac River

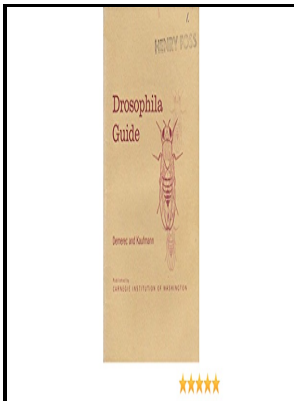
Chromosomes.

Drosophila melanogaster. Drosophila guide - introduction to the genetics and cytology of Drosophila melanogaster

-Drosophila guide - introduction to the genetics and cytology of Drosophila melanogaster

Notes: Bibliography: p. 28-29.

This edition was published in 1967



Filesize: 49.31 MB

Tags: #Introduction #to #Drosophila

### The Fruit Fly Drosophila

Images were obtained using the Olympus FV1200 confocal microscope Olympus, Tokyo, Japan with the 20x, 0. The complex genetic architecture of Drosophila life span. Loss of the fru mutation leads back to the typical courtship behavior.

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Therefore, we tested the role of dopamine receptors in the preference for ethanol and methamphetamine by using mutants of the four dopamine receptors: Dop1R1, Dop1R2, Dop2R and DopEcR. We quantified the number of genes in each of the five chromatin states described by Filion et al.

### Voluntary intake of psychoactive substances is regulated by the dopamine receptor Dop1R1 in Drosophila

The characters and traits you will analyze in your flies record character and traits in your Lab Report Booklet. For the beginning student or the established investigator who is interested in pursuing eukaryote molecular genetic research, Drosophila melanogaster, with its rich body of formal genetic information is one organism of choice.

### Drosophila Guide Introduction to the Genetics and Cytology of Drosophila melanogaster by Demerec, M.; Kaufmann, B.p.

In this lab we will become familiar with the fruit fly Drosophila melanogaster that is used for conducting various genetic crosses in the laboratory.

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Equal volume of water was then added to the dry mix.

### Morgan's Work on Drosophila

The F2 parents were placed in the vial on March 3<sup>rd</sup> but the first F2 offspring were not removed until April 3<sup>rd</sup>.

### **Drosophila**

A variant-by-sex or variant-by-temperature interaction can arise if the sign of the allelic effect is the same across temperatures or sexes but differs in magnitude, or if the sign of the effect is in the opposite direction in males or females or across pairs of environments.

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