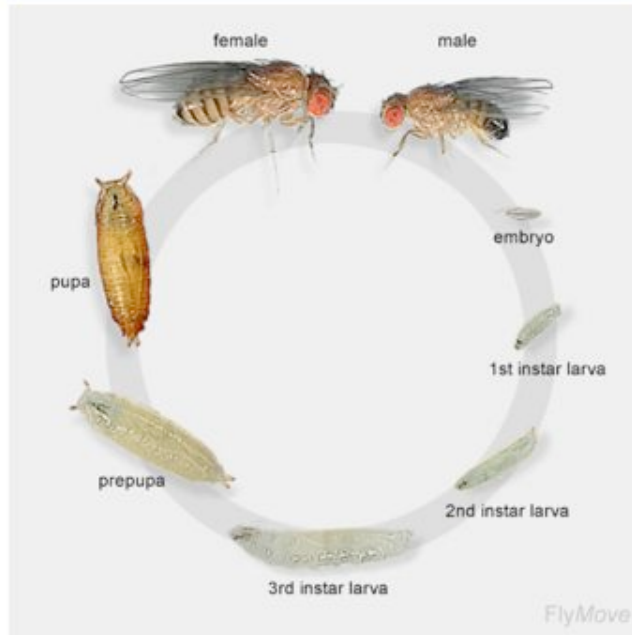
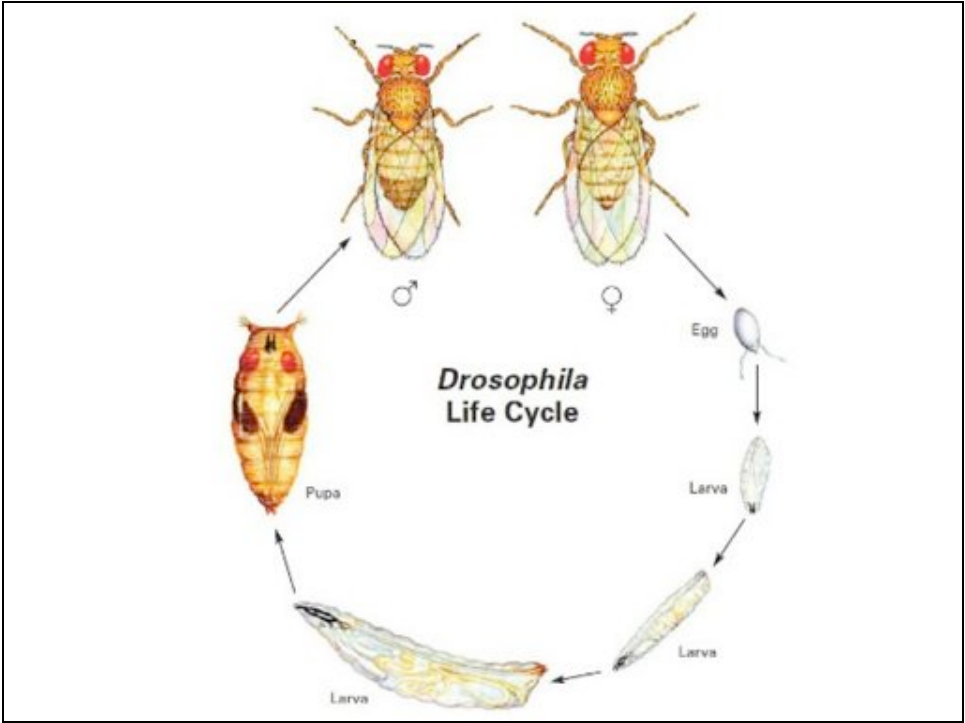


Drosophila melanogaster

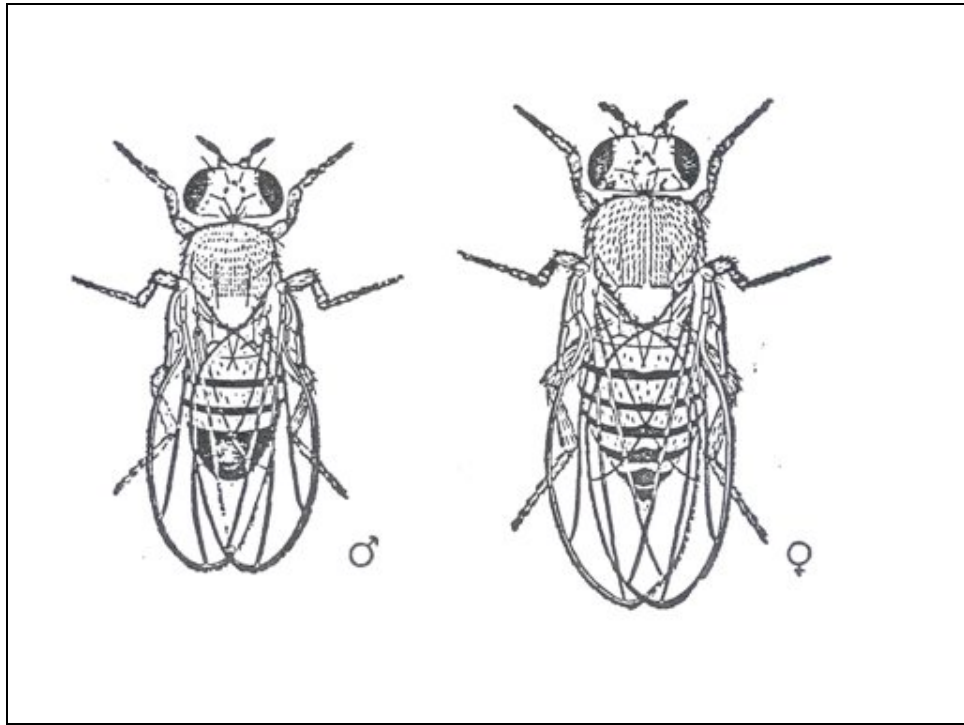


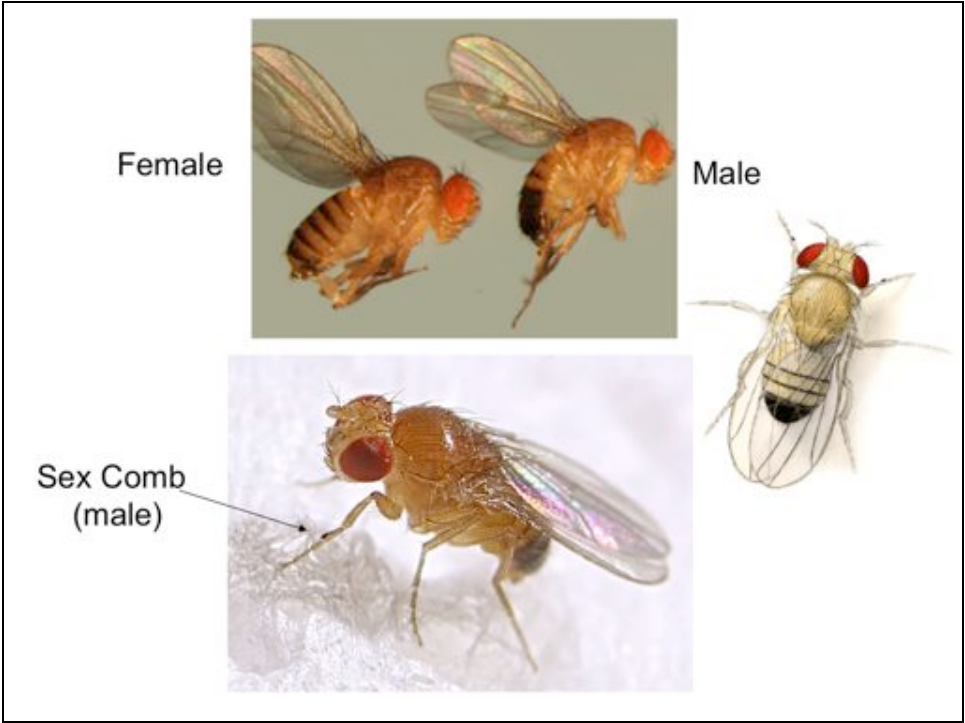
The life cycle of *Drosophila melanogaster*











oh noooooooooooooes!



dey is nukin our DNA!

Mutant FRUIT FLIES





White (w)

Ebony (dp)

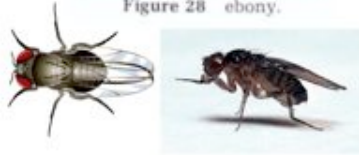


Figure 26 Wild type.



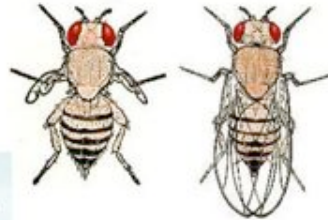
Figure 27 yellow.

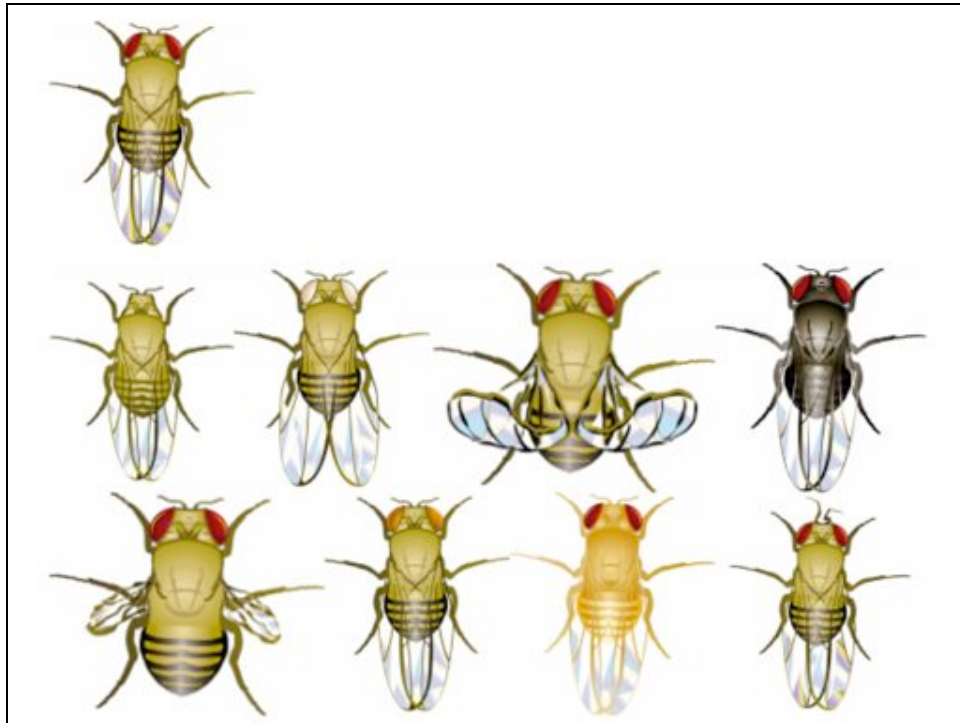


Figure 28 ebony.



Vestigial Wings

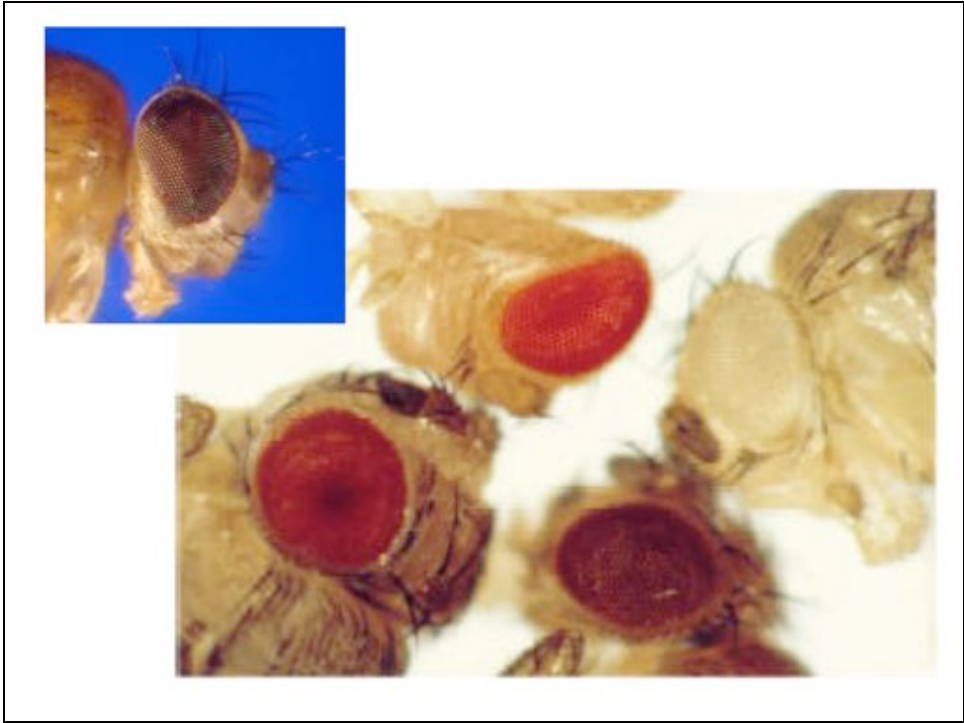


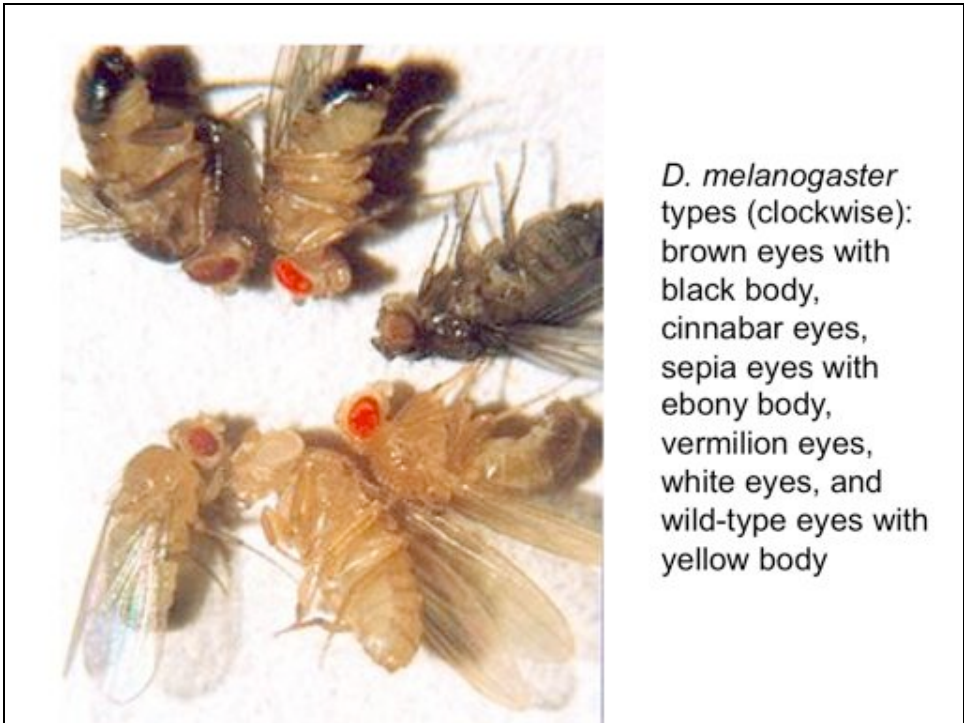


Top: Wild Type

From Top Left to Top Right: Eyeless, White Eyed, Curly Winged, Ebony

From Bottom Left to Bottom Right: Short Winged, Orange Eyed, Yellow, Antennapedia





D. melanogaster types (clockwise): brown eyes with black body, cinnabar eyes, sepia eyes with ebony body, vermilion eyes, white eyes, and wild-type eyes with yellow body





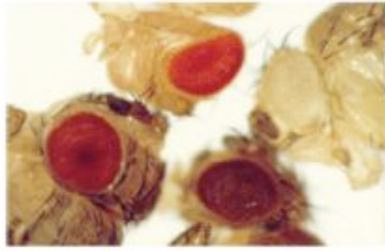


Plate 1. Some eye colors in *Drosophila melanogaster*. (After E. M. Wallace, in *An Introduction to Genetics* by Sturtevant and Beadle, Saunders, 1938.)

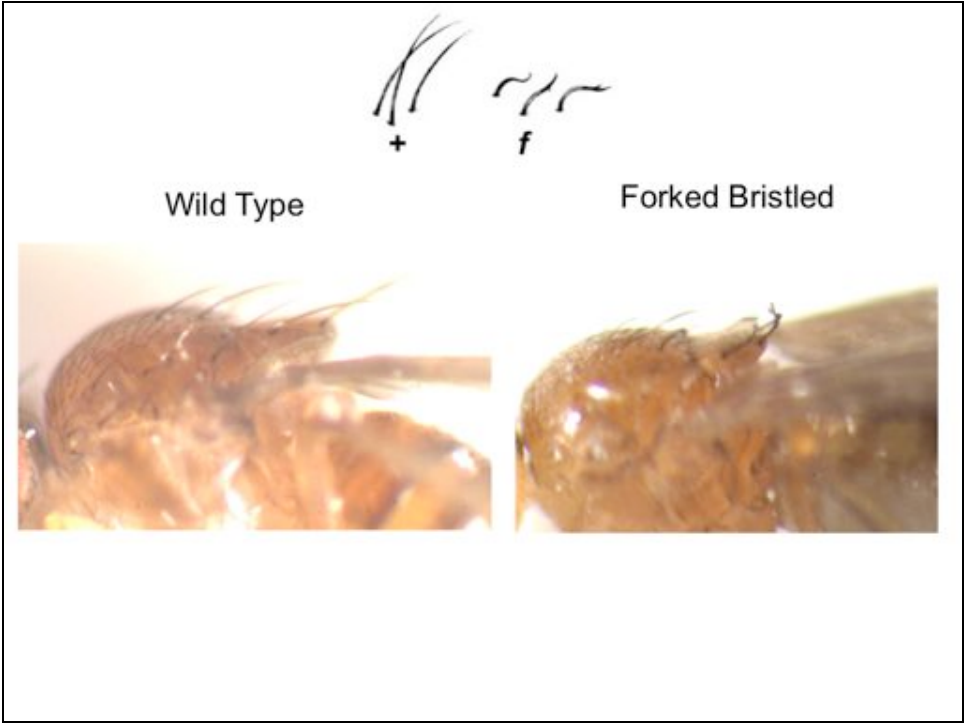


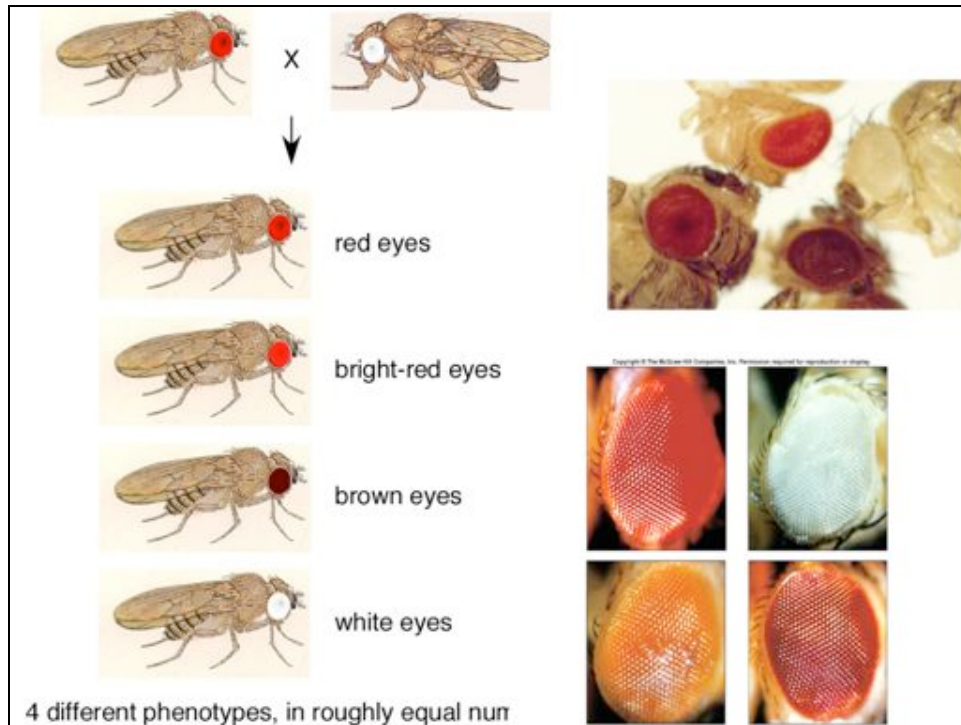
Miniature



Wild Type







http://www.indiana.edu/~oso/lessons/Genetics/bw_st.html

<http://scienceblogs.com/pharyngula/2012/02/23/epistasis-and-pathways-in-fly/>

<http://sandwalk.blogspot.com/2007/09/eye-color-in-fruit-flies.html>

http://zlgc.seu.edu.cn/jpkc/2010jpkc/jykc2/content/jxzy/genetics/chapt07/photo_library/text_photo_library/07_14.jpg

<http://zlgc.seu.edu.cn/jpkc/2010jpkc/jykc2/content/jxzy/page1-2-7.htm>

