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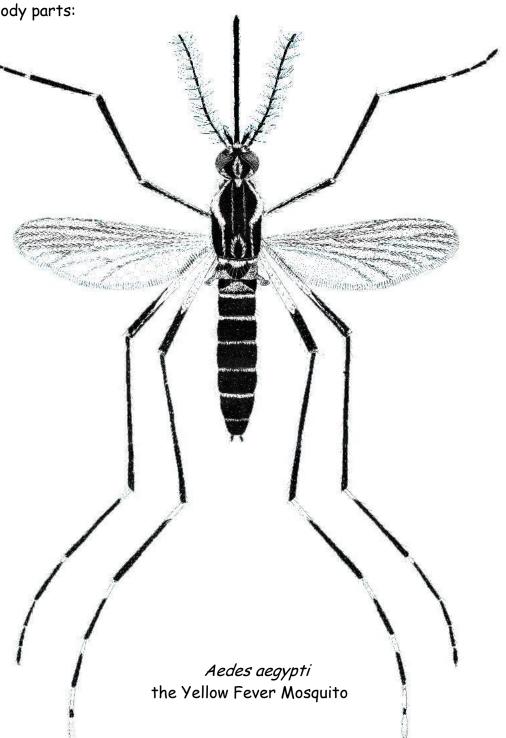
Mosquito Anatomy

Label the following mosquito body parts:

- (a) head
- (b) eyes
- (c) palpi
- (d) antennae
- (e) proboscis
- (f) stylets
- (g) thorax
- (h) legs
- (i) wings
- (j) halteres
- (k) abdomen
- (I) cerci
- (m) claspers (males only)







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	Winge	VINGED SCOURG d Scourge" i	s a 194		,	mated film. I	t was (created for the iation between	
peop been evalu	le, mos almos ate th	squitoes and t eradicated i	malaria n this co	a. By the ountry. Know	late 19 ving wha	940s and early at you now kno	/ 1950 w abo	s, malaria had out mosquitoes, to control and	
1.	List a	ny negative	words u	sed in the filr	m to des	cribe the moso	quito		
2.	What	kind of mos	quito ca	rries malaria	?				
	(a)	Culex	(b)	Aedes	(c)	Anopheles	(d)	Psorophora	
3.	Wher	e does the fe	emale m	osquito obta	in the m	alarial parasite	э?		
	(a) (c)	from her pa from other		oes	(b)	from a perso from the water		with malaria	
4.	How	does the mo	squito v	ector, or tran	smit, the	e disease to he	er victir	m?	
	(a) (c)			m's blood to the blood	(b) (d)			tim with her palp tim with her ante	
5.	How	can you tell a	an <i>Anop</i>	heles mosqu	uito from	other mosquit	oes?		
	(a) (c)	its larvae h it is larger t		npets er mosquitoe	(b) es (d)	it stands on i there is no w		d when biting ell	
6.	After	feeding, how	long do	oes it take fo	r the mo	squito to diges	st the b	olood?	
7.	Does	the film imp	ly that m	nost people w	vho get s	sick from mala	ria die'	? yes no	
8.	How	far from their	breedir	ng site do <i>An</i>	opheles	mosquitoes fly	y as ac	dults?	

Control

List two methods of control mentioned in the film for each of the categories below.

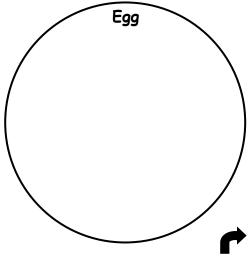
Chemical	Mechanical	Biological
e an asterisk (*) next to e	ach method you feel is environme	entally safe. Be prepared to di

Place iscuss. The Disney Corporation has just been commissioned to create a modern film on mosquitoes and their relationship to people. You have been asked to serve as a technical consultant to the production of this new film. How will your film differ from the film you just watched? What new scenes will you add? What old scenes will you include in the new film? What will be the most important message you want viewers to understand after watching your film?

Mosquito Life Cycle

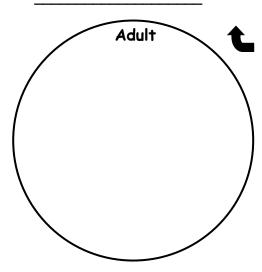
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During this lab, you will have the opportunity to use a microscope to view and sketch mosquitoes: eggs, larva, pupa, and adults. Keep the microscope on its lowest power while using these prepared microscope slides. Do not use the stage clips. You will need to constantly adjust the focus of your microscope.

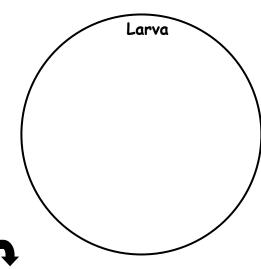


How many eggs do you see?

How many times is the microscope magnifying the eggs?



Sketch one of the two mosquitoes. Did you sketch a male or a female?

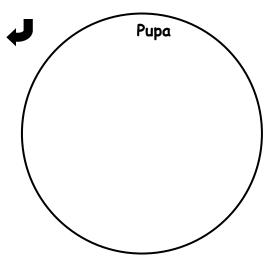


Can you see the entire larva in your field of vision?

yes no

The siphon, or breathing tube is at the end of the larva's

(a) Head (b) Thorax (c). Abdomen



Can you see a developing adult mosquito inside the pupa?

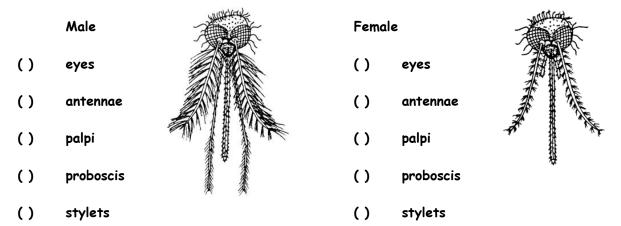
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Just look at the heads of the adults. Check each structure after observing it through the microscope.

Date



The antennae of the male and female mosquito are different in appearance. What other structure on the head differs from the male to the female?

- (a) eyes
- (b) palpi
- (c) proboscis
- (d) stylets

How does this structure differ from male to female?_____

Skeeter Adults

Now look at the entire adult. Check each structure after observing it through the microscope.

	Male		Female	
()	head	()	head	
()	thorax	()	thorax	
()	abdomen	()	abdomen	
()	halteres	()	halteres	
()	claspers	()	cerci	
How many segments does each leg have? How many segments does the abdomen have?				
Is there anything inside either mosquito's abdomen? yes no				
If yes	s, what might it be?			
Inside the mosquito's thorax is muscle tissue that looks like strings.				
The m	nuscle tissue works the mosquito's		and	

Facts from the presentation on insects:	
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Facts on the presentation on mosquitoes:	