









# MOUTHPARTS



MUSEUM LAB EXERCISES:  
Animals in a closer look

## Insects

Grasshopper

Preying mantis

<http://www.bbc.co.uk/programmes/p0262ygv>

**Body structure:**




Mouth parts

Eating solid food

Chewing and biting type


**I cut and chew**

## Beetle








# MOUTHPARTS



Natural History Museum of Crete




## Insects


Body structure:


**Mouth parts**

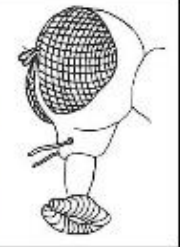
  



House fly








Eating liquid food


Sponging type


**I spit and suck**



Butterfly







Sucking type


**I suck nectar**



Honey bee





Chewing and Lapping Type


**I suck nectar and I chew pollen**

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**MUSEUM LAB EXERCISES:**  
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Natural History Museum of Crete




## Insects


Body structure:




Mosquito

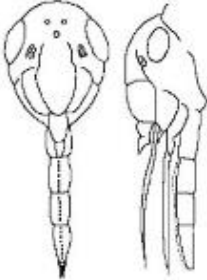


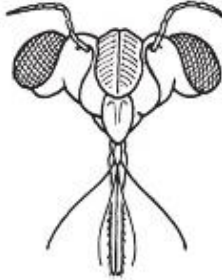
Stink bug



Cicada








Mouth parts

Eating liquid food

Piercing and sucking type

I pierce and suck










# MOUTHPARTS

**MUSEUM LAB EXERCISES:**  
Animals in a closer look


## Other animals

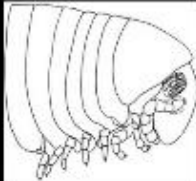
**Body structure:**

Mouth parts




Millipede







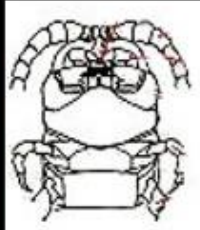
*Mandibles*  
**I chew rotten leaves**



Centipede







*Poisonous foot jaws and mandibles*  
**I have a poisonous bite and I chew**





## MOUTHPARTS

**Natural History Museum of Crete**  
UNIVERSITY OF CRETE

**MUSEUM LAB EXERCISES:**  
Animals in a closer look

**Body structure:**

**Teeth**

**Omnivorous**

**Carnivorous**


**Herbivorous**

**V**  
**e**  
**r**  
**t**  
**e**  
**b**  
**r**  
**a**  
**t**  
**e**  
**s**






# LEGS



Natural History Museum of Crete




## Insects


Body structure:


**Legs**

Fossorial legs





Mole cricket






I dig burrows





Dung beetle





I dig holes and make manure balls

MUSEUM LAB EXERCISES:  
Animals in a closer look






# LEGS


MUSEUM LAB EXERCISES:  
Animals in a closer look


## Insects



**Ant**






**Beetle**

Body structure:

Legs

Cursorial (walking or running) legs


I walk and run








# LEGS




Natural History Museum of Crete




## Insects

Body structure:

**Legs**




Aquatic beetle




Natatorial (swimming) legs

**I swim**



Preying mantis

Raptorial (grasping) legs




**I grab, pierce and cut**


MUSEUM LAB EXERCISES:  
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## LEGS



Natural  
History  
Museum  
of Crete




MUSEUM LAB EXERCISES:  
Animals in a closer look

# Insects


Body structure:

**Legs**

Grasshopper




Τριχάς, Α. © ΜΦΙΚ



Τριχάς, Α. © ΜΦΙΚ

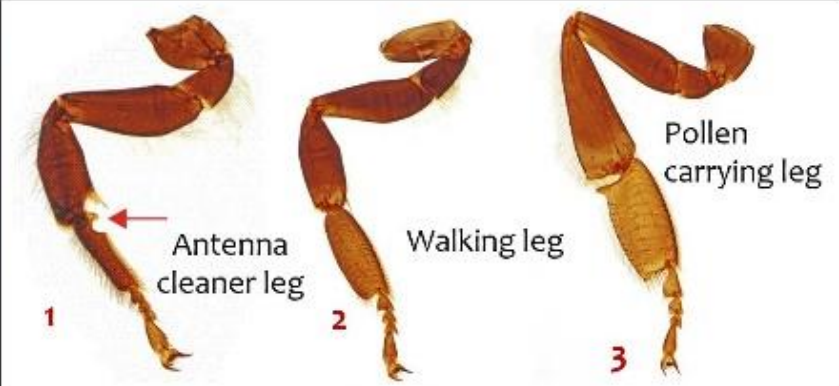
Saltatorial  
(jumping) legs

**I jump really high**



Τριχάς, Α. © ΜΦΙΚ

Honey bee



1 Antenna cleaner leg  
2 Walking leg  
3 Pollen carrying leg

**I clean my  
antennas**

**I walk**

**I gather pollen**