

Did you
know you
eat
insects!

What's Buggin' You?



Entomology in the city

Urban entomology is the study of insects associated with the near environments of humans and their companion animals.

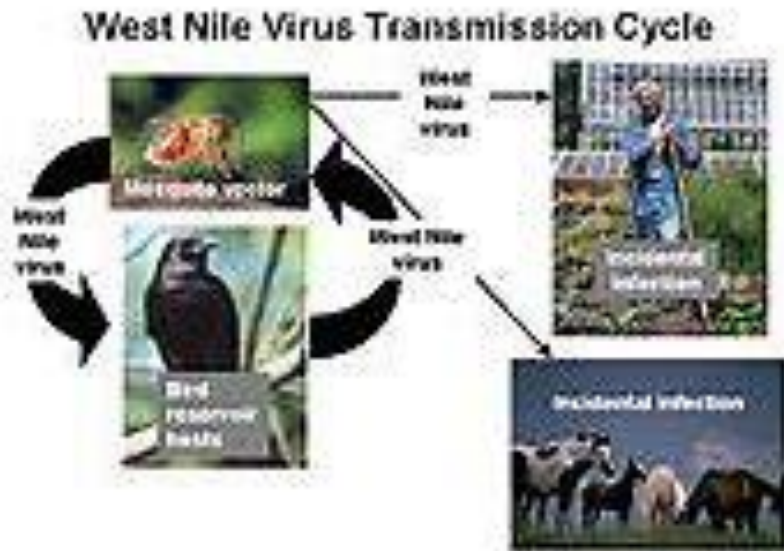


Did you know we eat insects!

Entomophagy is the practice of eating insects; Active entomophagy is choosing to eat insects. Edible insects in the diet has been practice in some of ethnic groups in South America, Mexico, Africa, Australia, and Asia. Entomophagy is being discussed to replace animal protein due to its highly nutritious, protein-rich, and environmentally sustainable nature. Passive entomophagy is eating insect parts in food. Did you know that the FDA permits 30 insect fragments per 100 grams of peanut butter or approximately 238 fragments in an average (28-ounce) jar and the average chocolate bar contains 8 insect fragments.



Healing entomology



Medical entomology, is concerned with the impact of arthropods on the health of humans, and animals. It is subdivided into public health entomology and veterinary entomology. It is concerned with vectors that affect human and animal health.

Protecting our animal families

The field of **veterinary entomology** is the study of arthropods that impact the health of animals

CWD in North America

- Spreading since the 1980s
 - Wild and captive deer and elk
 - 22 states & 2 provinces: captive and/or wild cervids
- Movement of live animals is the most frequently documented method for spreading CWD



Entomology detectives

Forensic entomology is the scientific study of the colonization of a dead body by arthropods. It is used in the investigation of homicide and untimely death.



Top 10
invasives
to
watch.....

1. Emerald ash borer
2. New world screwworm
3. Spotted lanternfly
4. Asian longhorned beetle
5. Pasture mealybug
6. Tawny crazy ant
7. Cactus moth
8. Hammerhead worm
9. Tropilaelaps mite
10. Yellow legged hornet



Sing to *She'll be coming around the mountain*

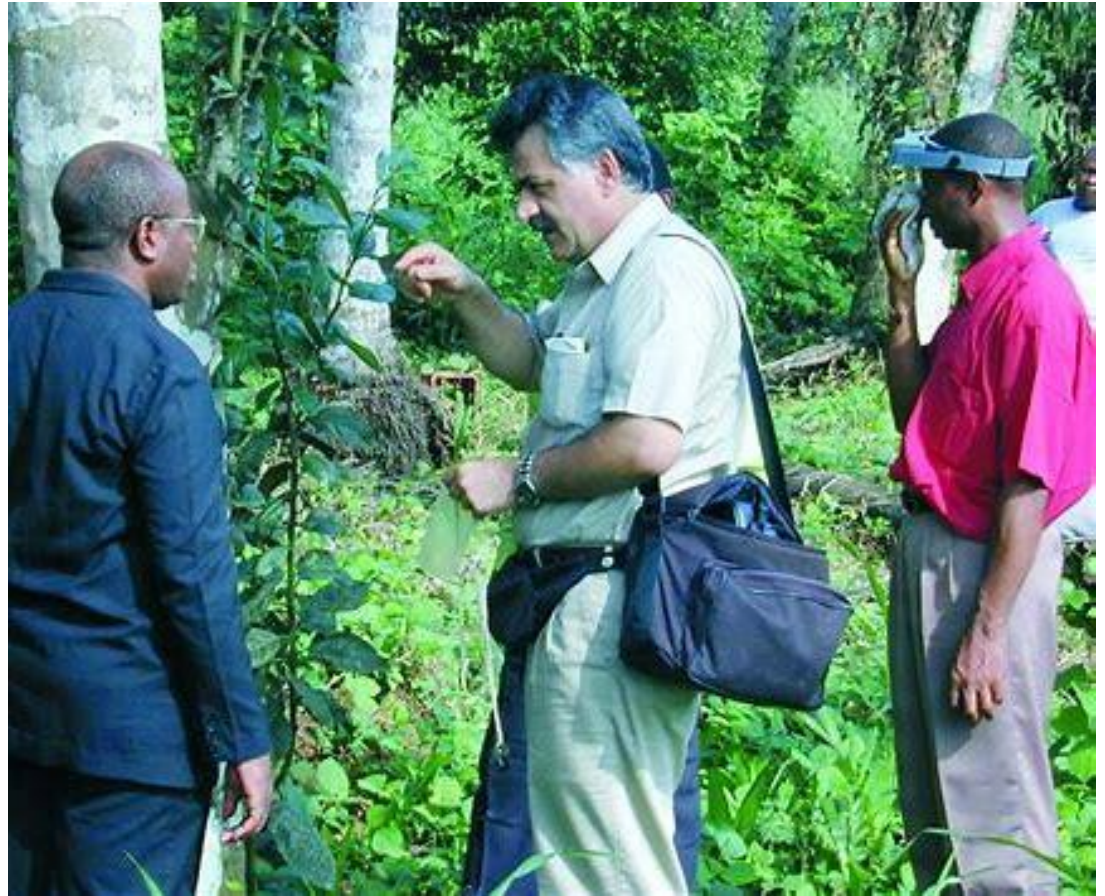
What's all the things entomologists can do? (pointing to head)

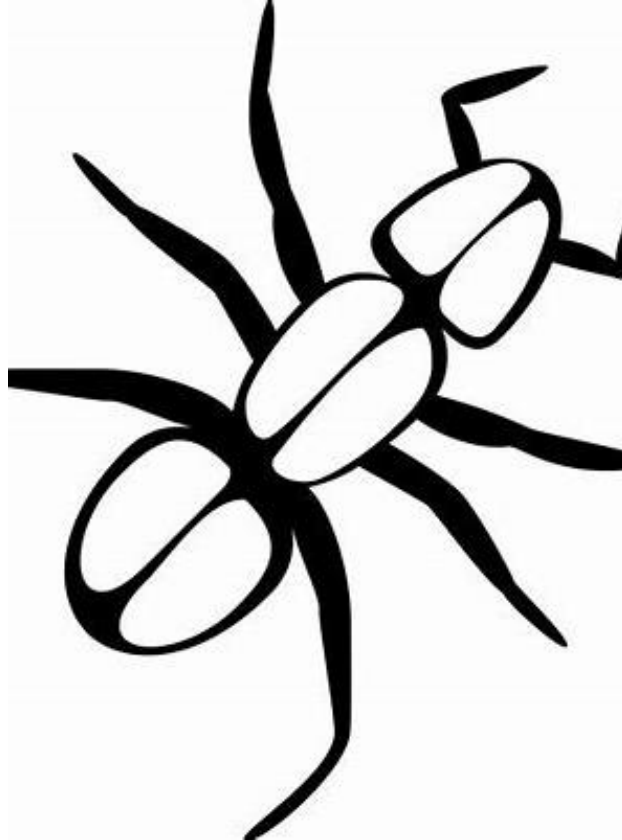
Protecting health for all our animals and you. (pointing out)

No more roaches at bedtimes, (finger waving "no")

Helping police in solving crimes. (looking through magnifying glass)

And a source of easy protein for us too! (pointing to mouth)





The many faces of entomology!

- Design an insect.
- Find the insects around the park.
- Make passive entomophagy s'mores with Reese's Peanut cups instead of Hershey bars!

This book teaches about arthropods and what entomologists do.

