MOSQUITO PREVENTION AND PROTECTION TELLER
JOIN THE FIGHT AGAINST THE WORLD’S DEADLIEST ANIMAL
Learn more at observer.globe.gov

- Play the Mosquito Teller game with a friend to learn about mosquitoes
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HOW DO I SAY ...

Wondering how to pronounce some of the scientific names for mosquitoes shown on the front of this Teller?

Here’s a handy guide. Note that these forms can be said different ways. Here are some common suggestions:

*Aedes aegypti: Ah-eh-dees aye-gyp-tee
*Aedes albopictus: Ah-eh-dees al-bo-picked-us
*Anopheles: ah-NAW-fuh-lees
*Culex: Kew-leks or Q-lex

But don’t worry whether you are saying these exactly. If you hear these names spoken in different English-speaking countries and different languages, you will hear a lot of variation!

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MOSQUITO BIOLOGY TELLER
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TRUE
Mosquitoes have two wings and six legs.

FALSE
Mosquitoes bite using their sharp teeth.

TRUE
Mosquitoes are classified as Diptera, an order of insects containing the two-winged or so-called true flies. They have six legs.

FALSE
Female mosquitoes have a six-part proboscis that drills into skin and sucks blood.

TRUE
Mosquitoes have sensors that detect movement, infrared heat, and chemical signals.

FALSE
Some species, such as Culex, have special organs that detect carbon dioxide.

TRUE
Larvae and pupae breathe through a siphon.

FALSE
Some species of mosquitoes breathe through their tracheae.

TRUE
Eggs

FALSE
There are more than 3,500 species of mosquitoes.

TRUE
Mosquitoes are the primary food source for adult mosquitoes, laid in water.

FALSE
Adult mosquitoes lay eggs in water, not in food sources like fruit and flowers.

TRUE
Blood is the primary food source for adult mosquitoes.

FALSE
Adult mosquitoes do not consume blood; they feed on nectar and fruit juices.

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**MOSQUITO WEST NILE VIRUS TELLER**

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**TRUE**
- Mosquito species including *Culex pipiens*, *C. restuans*, *C. quinquefasciatus*, *Aedes albopictus*, and *A. vexans* are common U.S. vectors.
- West Nile virus can be transmitted by more than 40 species of mosquitoes.
- Mom *Culex* mosquitoes lay eggs in rafts that float on the water surface.
- *Culex* larvae are found mostly in nutrient-rich, or murky water.
- All mosquitoes are a threat in all 50 states.
- *Culex* larval perils are now a potential health threat for people. Only a few mosquito species, which is why you should be a mosquito hunter.

**FALSE**
- You can only catch West Nile virus from a mosquito bite.
- You can only catch West Nile virus from a mosquito bite.
- *Culex* larvae are not found in nutrient-rich, or murky water.
- *Culex* mosquito is a threat in only 50 states.
- *Culex* larval perils are not a potential health threat for people. Most mosquitoes are not a threat.

**Points**
- 1 POINT
- 3 POINTS
- 4 POINTS
- 5 POINTS
- 7 POINTS
- 9 POINTS

**GLOBE MOSQUITO HABITAT MAPPER**

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**MOSQUITO ZIKA AND DENGUE TELLER**

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MOSQUITO MALARIA TELLER
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TRUE
Of those at risk, nearly half a million people die annually; 90 percent of them live in Africa.
(Nearly half world’s population is at risk of getting malaria.)

TRUE
Because the malaria parasite is found in red blood cells, it can be transmitted through a blood transfusion.

TRUE
Parasites multiply in the infected person’s liver before infecting the body’s white blood cells. When the infected white blood cells are released, they also infect the red blood cells.

TRUE
Pregnant women and children are at highest risk. (Two-thirds of malaria deaths are among children under the age of five.)

FALSE
Malaria is caused by a parasite (Plasmodium) without a certain cure.

FALSE
Mosquitoes spread malaria through the bite of infectious mosquitoes. (Malaria is not a virus.)

FALSE
There is no cure for malaria.

FALSE
If malaria is not treated, fever and anemia may set in. (There is no cure for malaria.)

TRUE
Because Anopheles bites at night, using bed nets treated with insecticide can help prevent malaria.

TRUE
Anopheles albopictus (8)
Adult
Larva
Pupa
Eggs
Culex (1)
Anopheles (3)
Aedes aegypti (6)
Aedes albopictus (7)

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