



## Asian bush mosquito

(*Aedes japonicus*)

This mosquito originated in Japan. Adults often lay eggs in used tires that are transported by ship from one continent to another for repair or recycling, thus enabling the species to spread. It is not considered a major vector of disease, however its bite is painful.

### Description

- Adults range from dark brown to black, with white spots on the body and legs
- The antenna are long with hairs between each section
- Larvae range from yellowish-brown to dark in colour, are limbless, thin and have a long respiratory siphon on the eighth segment
- Should not be confused with the Asian tiger mosquito (*Aedes albopictus*), which has clearer stripes on the abdomen

### Ecology and reproduction in its original environment

- Forest species, however it is also found in urban environments
- Larvae develop in holes in trees and rocks, near water
- The eggs are particularly resistant and can survive (dormancy) several months without water
- Full larval development takes two to three weeks Adults live two months, on average
- Adults may be observed from the beginning of spring until the beginning of autumn
- They feed essentially on mammals, including humans
- They are not a major vector of disease, however they are a potential vector of the West-Nile virus

### Documentation

- Fontenille, D., Jourdain, F. et Perrin, Y. 2013. *Aedes japonicus* : quel risque pour la France métropolitaine ? Note du CNEV. 12 pp.
- Lutte contre le moustique japonais en Wallonie. Site internet du Service Public de Wallonie : <http://biodiversite.wallonie.be/moustiquejaponais>
- *Aedes japonicus* – Factsheet for experts. European Centre for Disease Prevention and Control. [En ligne]. Disponible sur : <https://ecdc.europa.eu/en/disease-vectors/facts/mosquito-factsheets/aedes-japonicus>
- Invasive Species Specialist Group (2017) Species profile: *Ochlerotatus japonicus japonicus*. [En ligne]. Disponible sur : <http://www.iucngisd.org/gisd/speciesname/Ochlerotatus+japonicus+japonicus>

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#### Classification

Order	<i>Diptera</i>
Family	<i>Culicidae</i>
Genus	<i>Aedes</i>
Species	<i>A. japonicus</i> (Theobald, 1901)

