

Title: AUTOCHTHONOUS MALARIA CASE

By **Javiera Rebolledo**

RAG coordination: **Dr S. Quoilin (02/642.54.04)**

Update:

A sentinel BG-trap has been put for a week (from 22/01/2015 to 29/01/2015) at the greenhouse in the zoo. The last 3 days of that period dry ice for CO₂ production has been placed beside the trap (to mimic breath). Not a single mosquito was found as a results of this intervention.

Larvae of mosquito were also looked for. As a result, 11 larvae were found, this were either *Culex pipiens* or *Culex torrentium*. There were also two pupa which did not survive, and were most probably also *Culex*.

Based on this, we can conclude that there is no proof of presence of mosquito population in the greenhouse of the Zoo of Antwerp.

A trap will be set in May (spring) in the wood near by the apartment of the malaria case in order to see if local Anopheles (e.g. *Anopheles plumbeus*) are present in a large number in the area since they have been found being a vector for malaria transmission in a laboratory setting”

Recommendation:

Set up mosquito traps in spring nearby the apartment of the malaria case.

Conclusion

No additional measures have to be taken.