
Figures and figure supplements

The global distribution of the arbovirus vectors *Aedes aegypti* and *Ae. albopictus*

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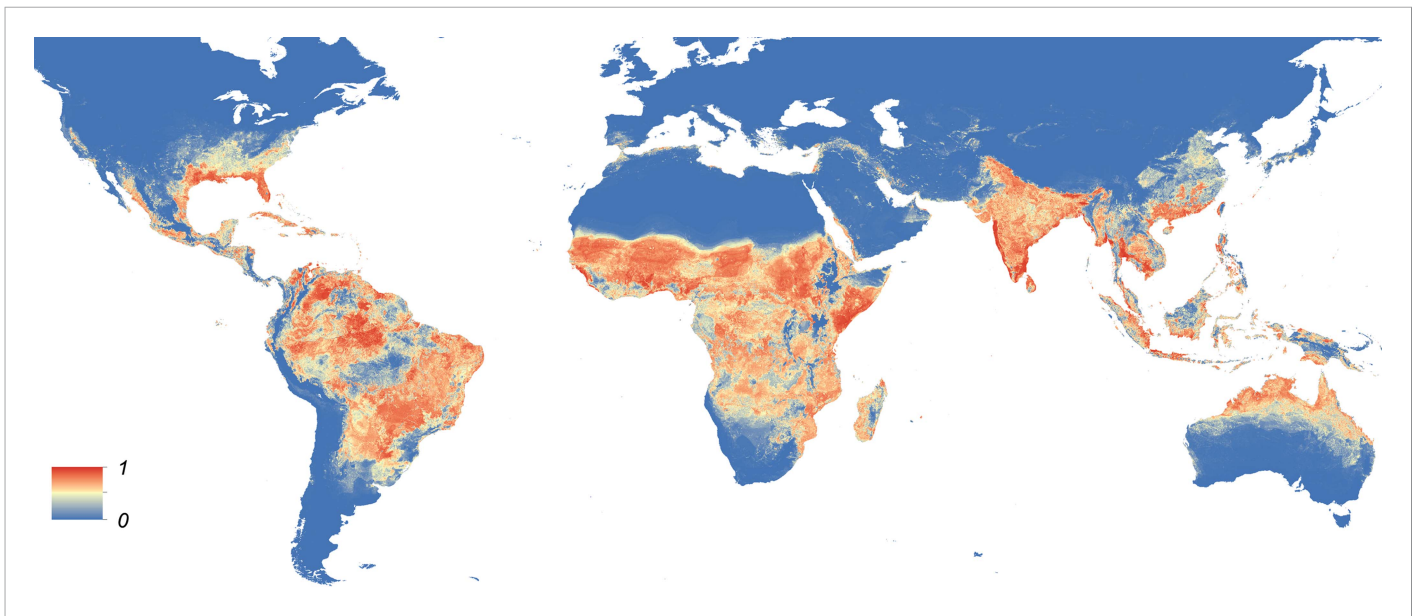


Figure 1. Global map of the predicted distribution of *Ae. aegypti*. The map depicts the probability of occurrence (from 0 blue to 1 red) at a spatial resolution of 5 km $\times$ 5 km.

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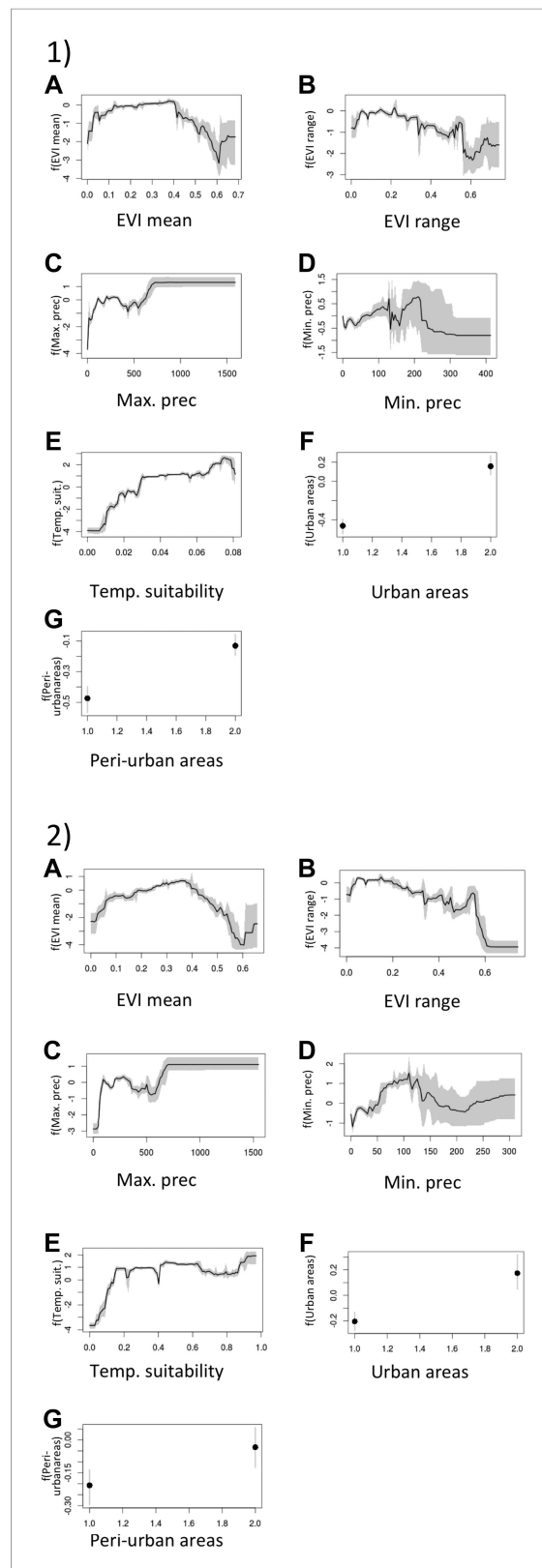


Figure 1—figure supplement 1. Effect plots of covariates used in this study showing the marginal effect
 Figure 1—figure supplement 1. continued on next page

Figure 1—figure supplement 1. Continued

of each covariate on probability of presence for *Ae. aegypti* (1) and *Ae. albopictus* (2): enhanced vegetation index (EVI) annual mean (**A**); Enhanced vegetation index—range (**B**); annual monthly maximum precipitation (**C**); annual monthly minimum precipitation (**D**); temperature suitability (**E**); urban areas (**F**); peri-urban areas (**G**).

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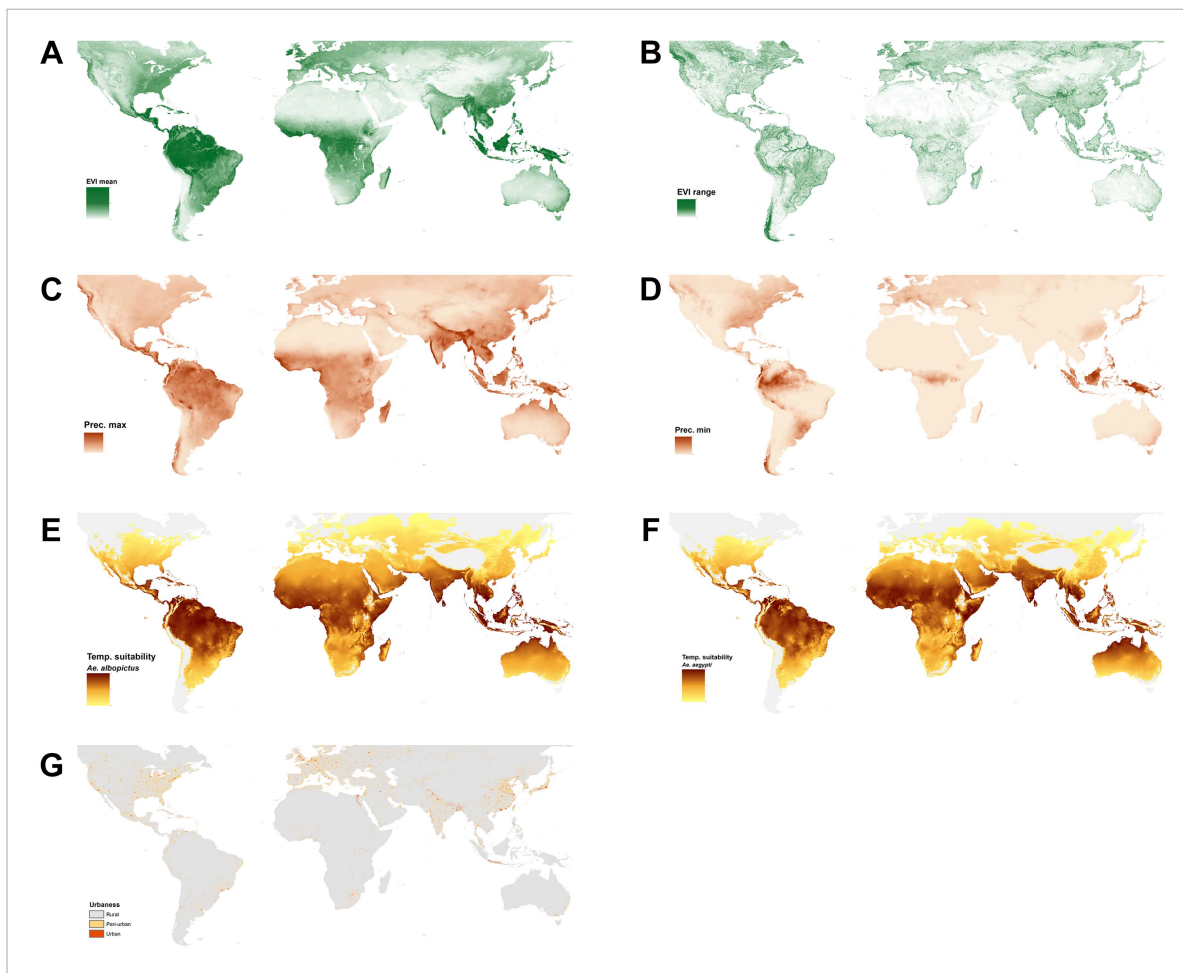


Figure 1—figure supplement 2. Set of covariate layers used to predict the ecological niche of *Ae. aegypti* and *Ae. albopictus* described in detail in the ‘Materials and methods’ section; (A) enhanced vegetation index (EVI) annual mean, (B) EVI annual range, (C) annual monthly maximum precipitation, (D) annual monthly minimum precipitation, (E) temperature suitability for *Ae. albopictus*, (F) temperature suitability for *Ae. aegypti*, (G) rural, peri-urban and urban classification layer.

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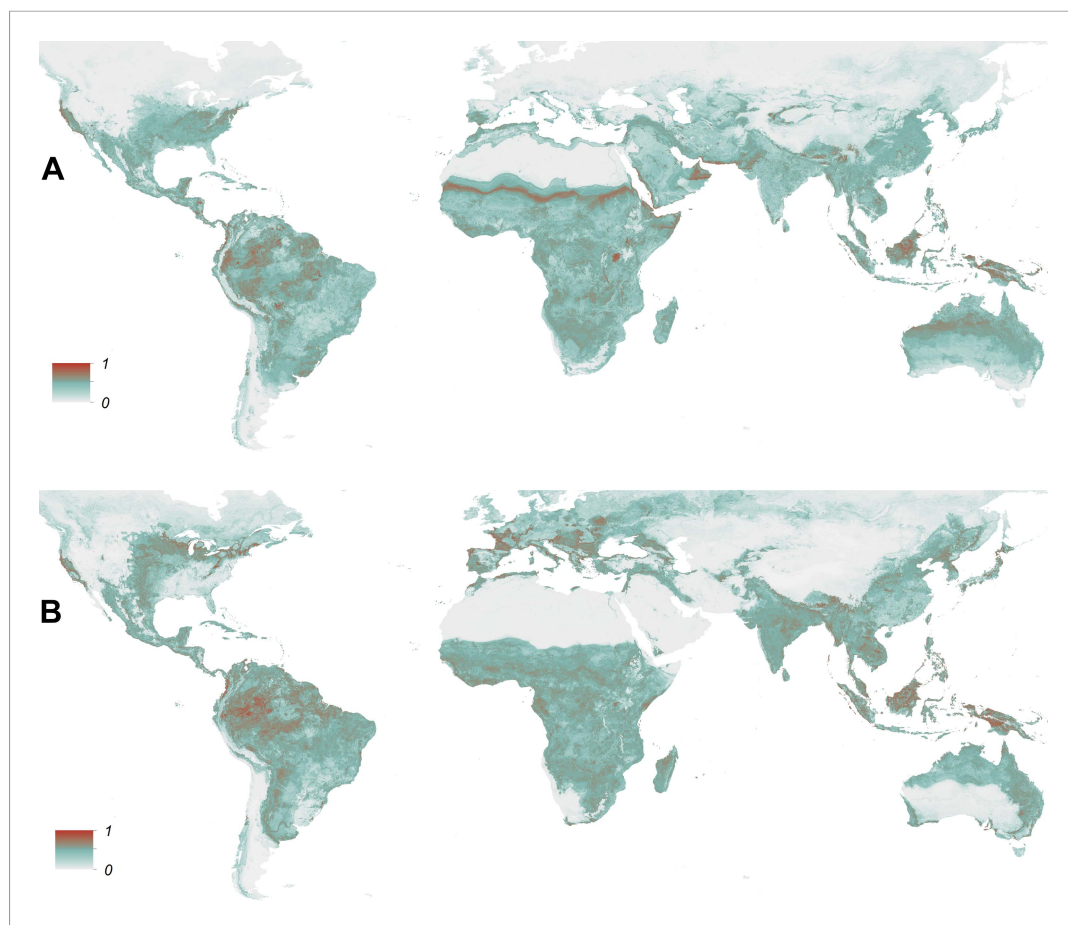


Figure 1—figure supplement 3. Visualization of pixel level uncertainty calculated using the upper and lower bounds of the 95% confidence intervals associated with the prediction maps for *Ae. aegypti* (A) and *Ae. albopictus* (B).

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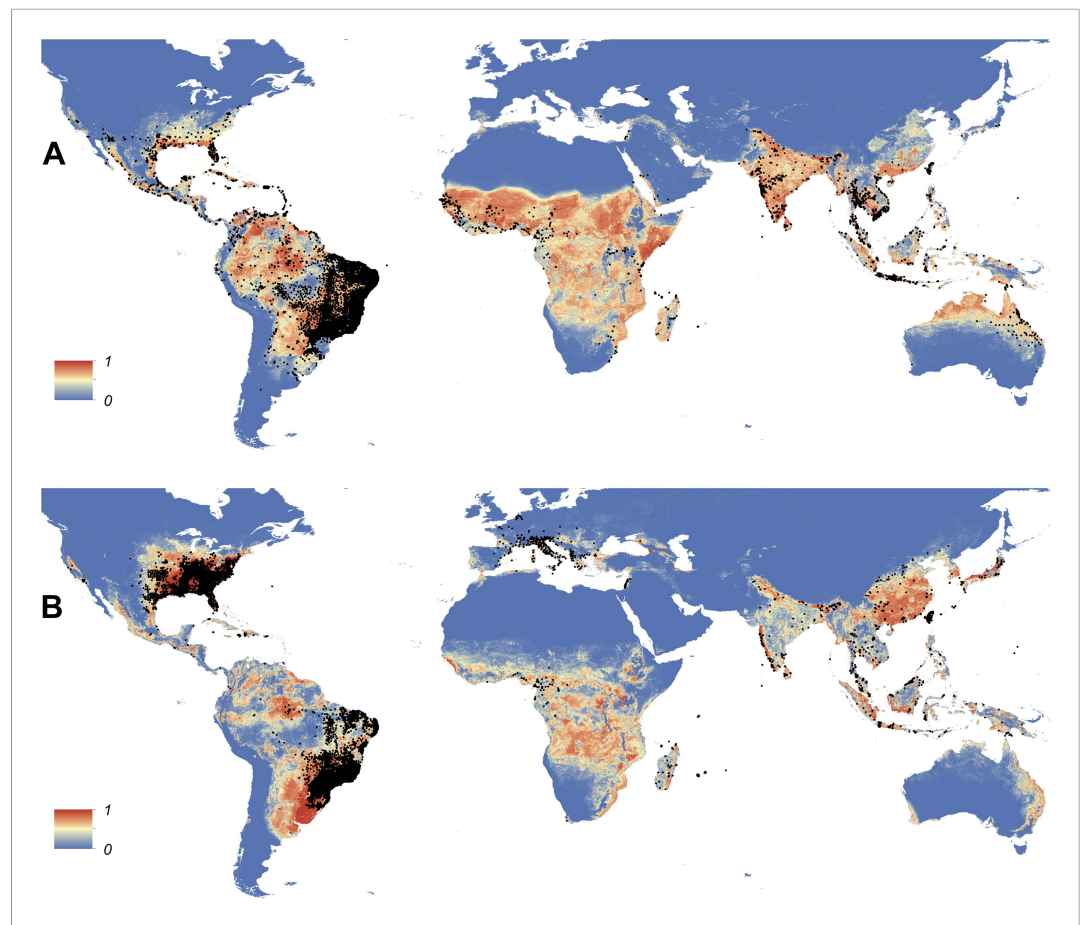


Figure 1—figure supplement 4. The distribution of the occurrence database for *Ae. aegypti* (A) and *Ae. albopictus* (B) plotted on the underlying prediction surface.

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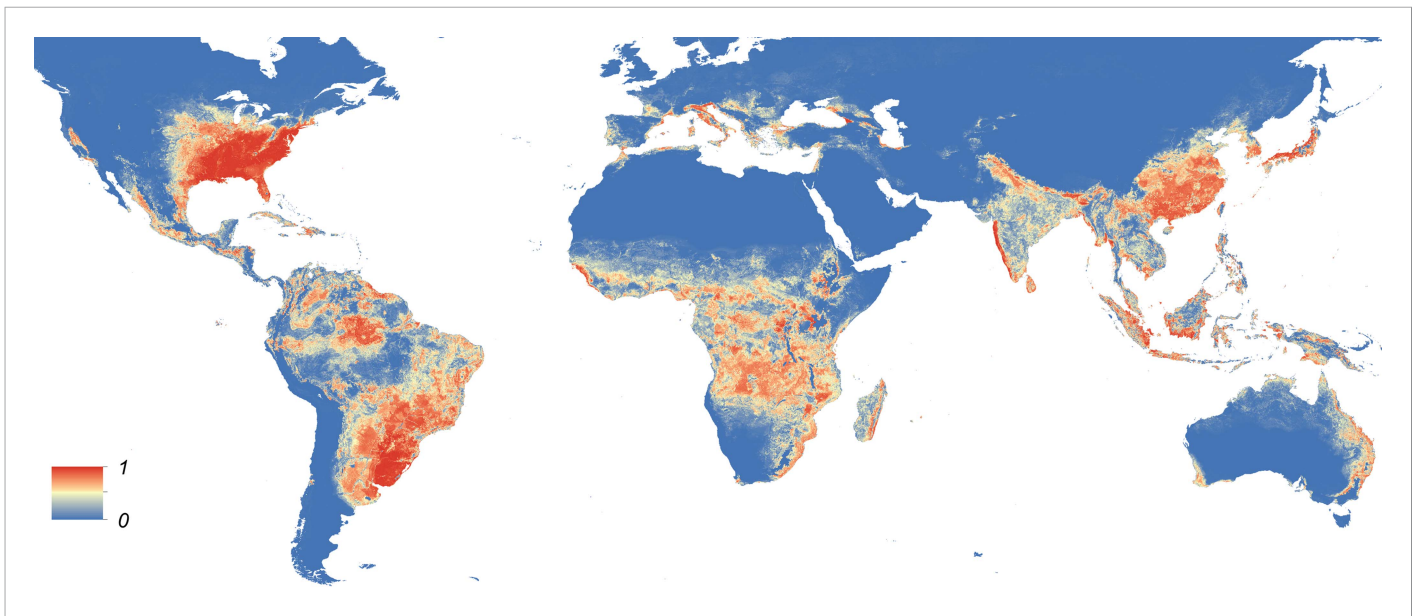


Figure 2. Global map of the predicted distribution of *Ae. albopictus*. The map depicts the probability of occurrence (from 0 blue to 1 red) at a spatial resolution of 5 km $\times$ 5 km.

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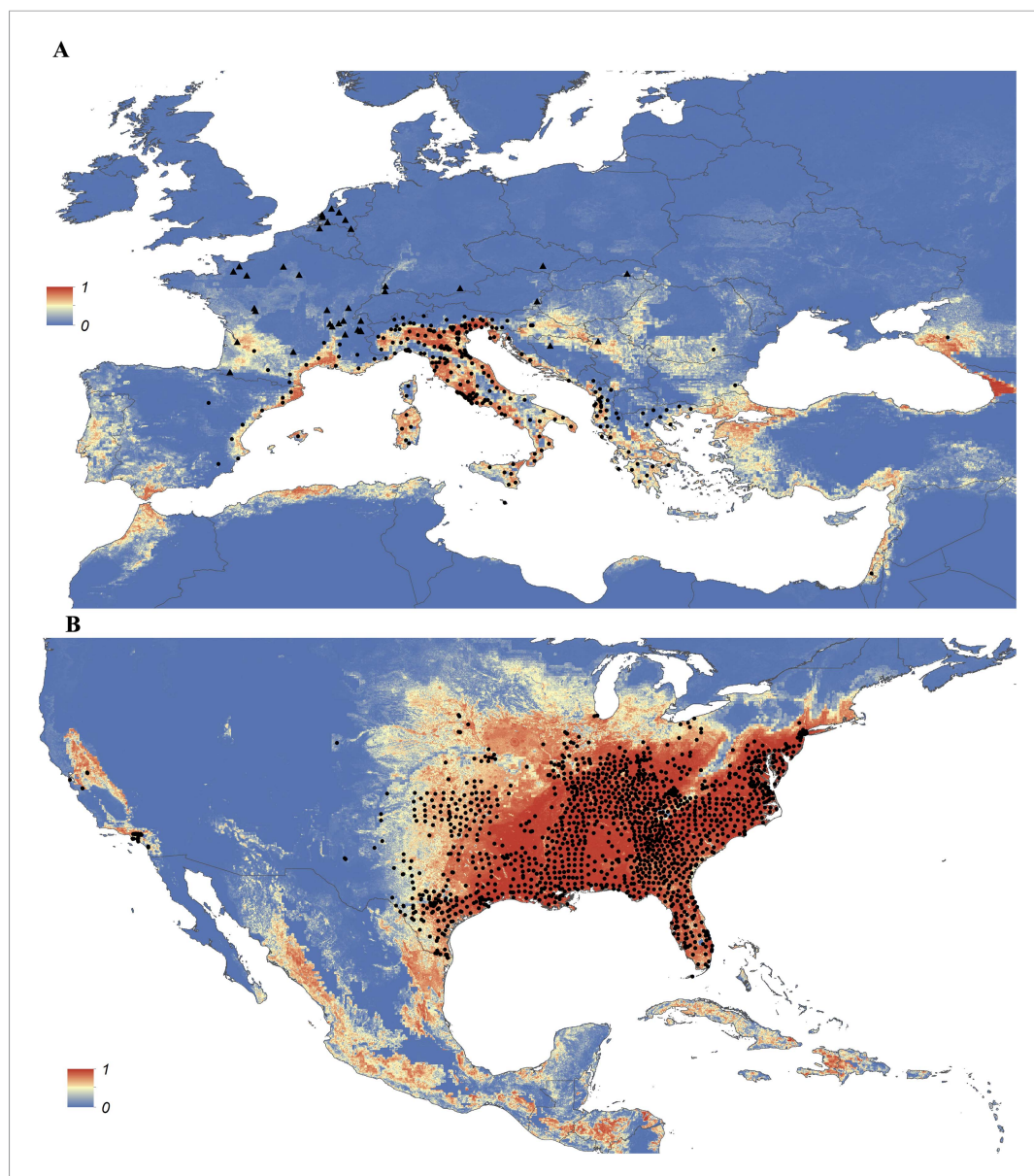


Figure 3. Predicted probability of occurrence of *Ae. albopictus* in Europe (A) and the United States (B), regions in which *Ae. albopictus* is rapidly expanding its range. Points represent known occurrences (transient [triangles] or established [circles]) until the end of 2013.

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