

SUPPLEMENTARY MATERIALS FOR THE ARTICLE:

Distribution of *Drepanaphis acerifoliae* – aphid pest of *Acer* trees – faced with global climate change

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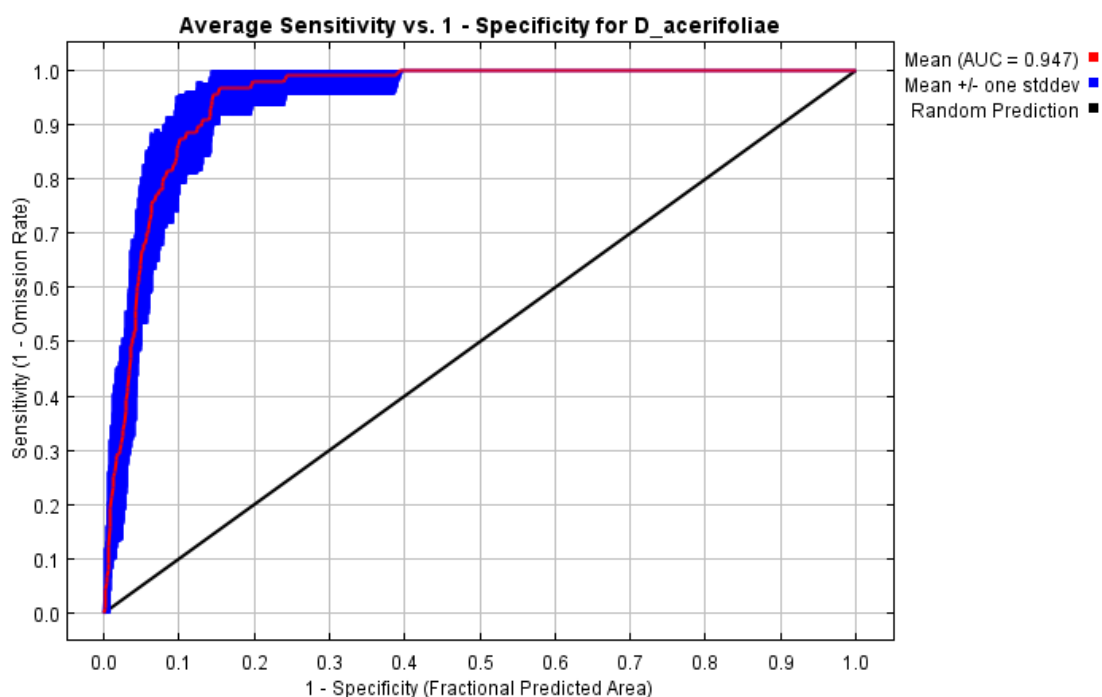
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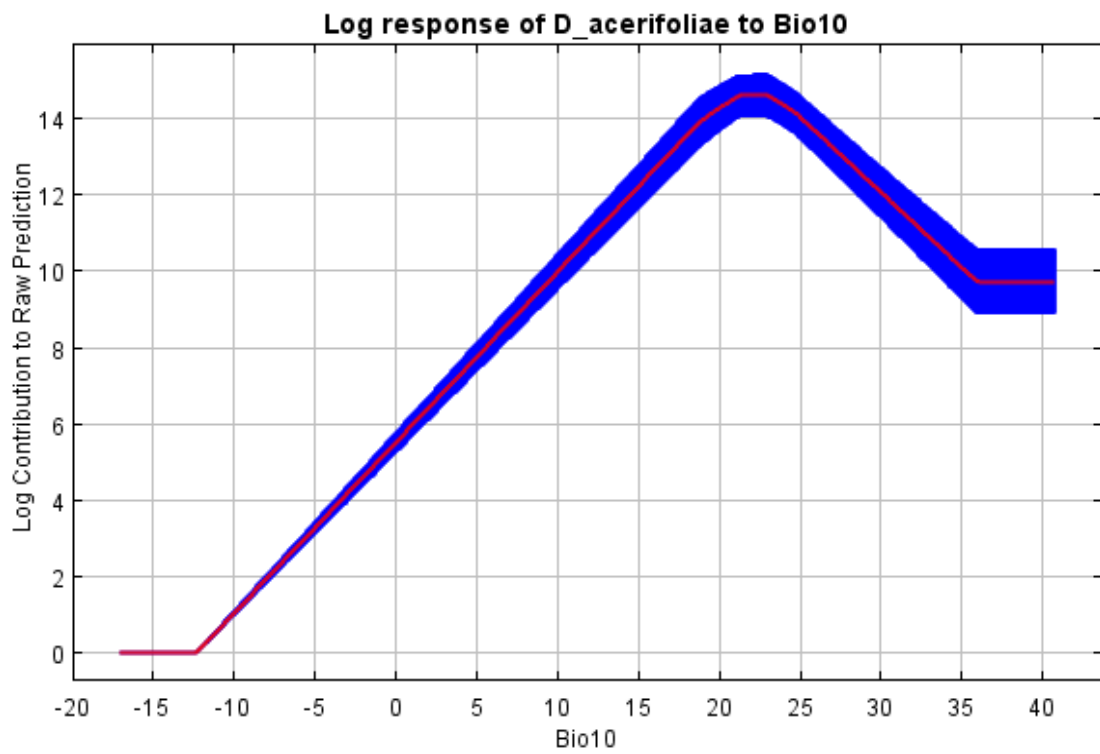
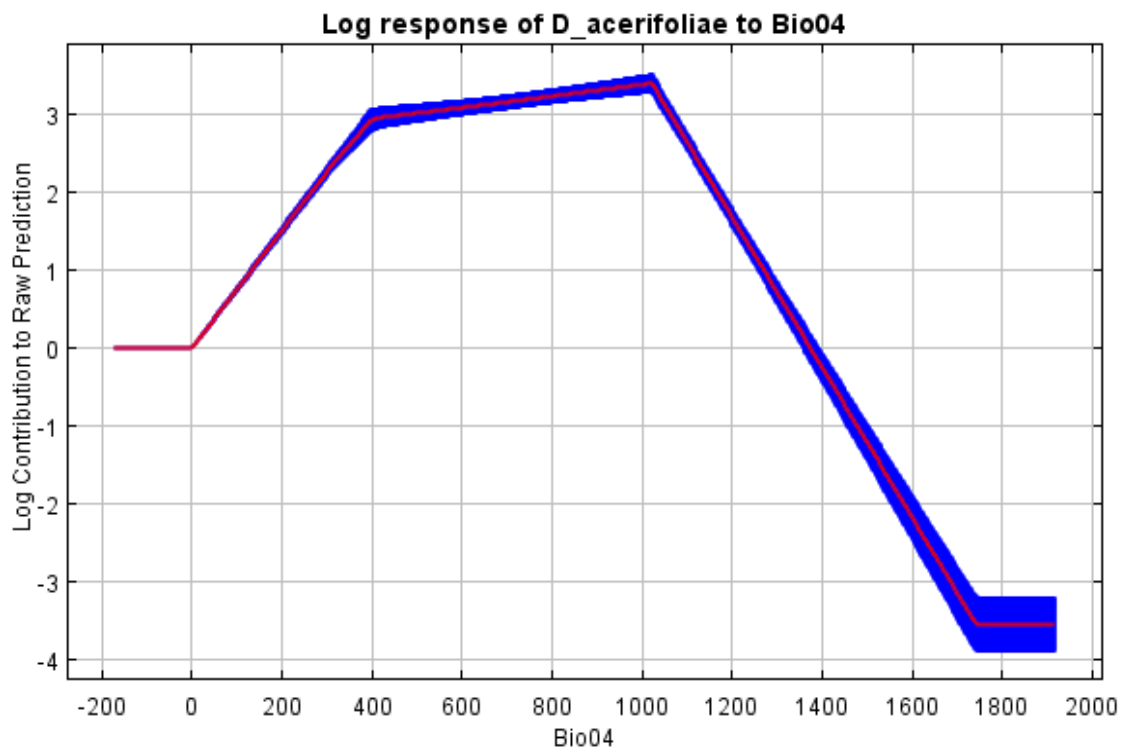
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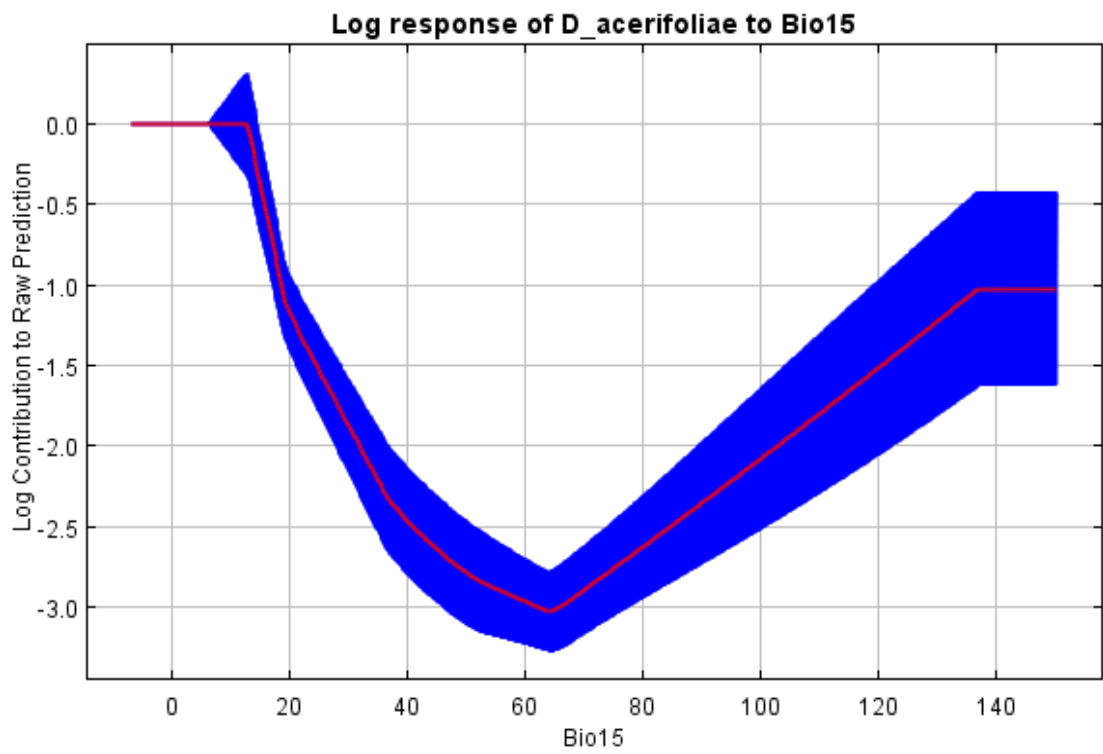
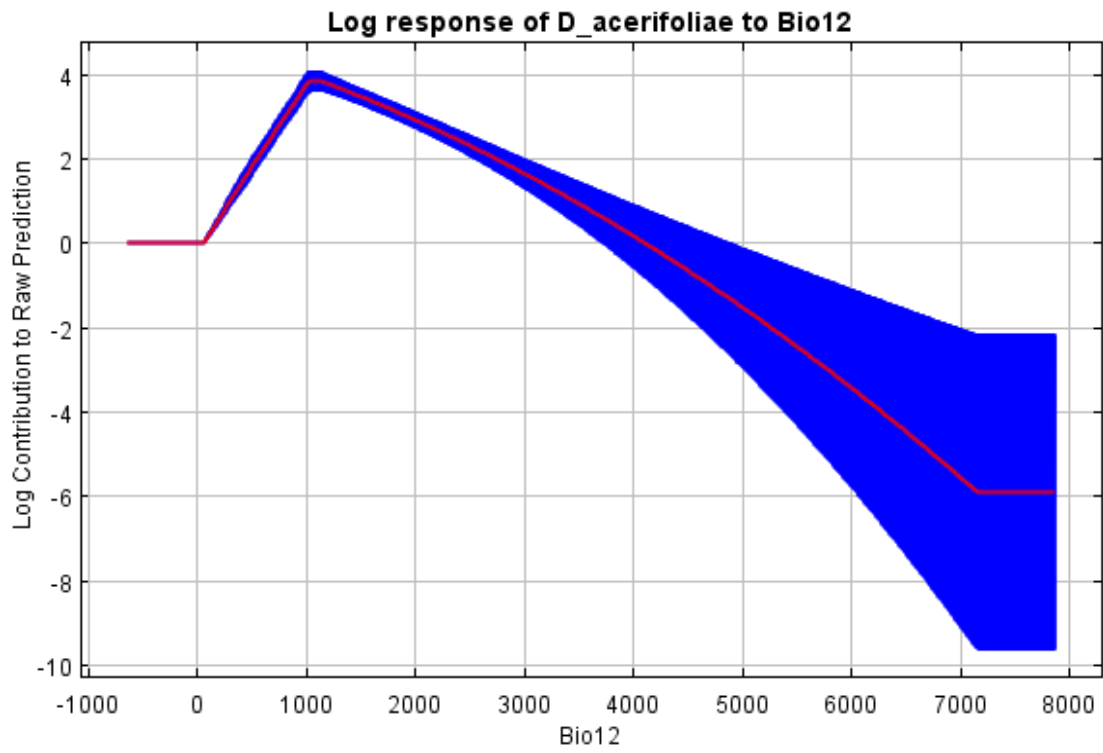
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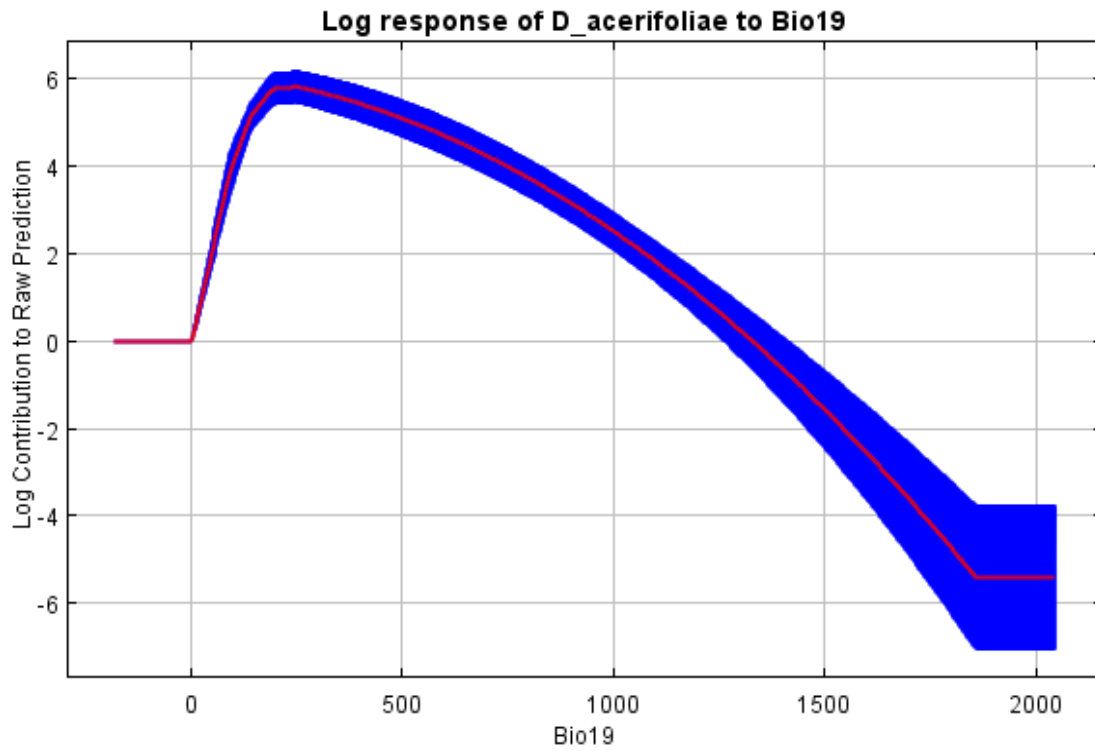
Supplementary Material 4: MaxEnt model outputs and climatic diagrams



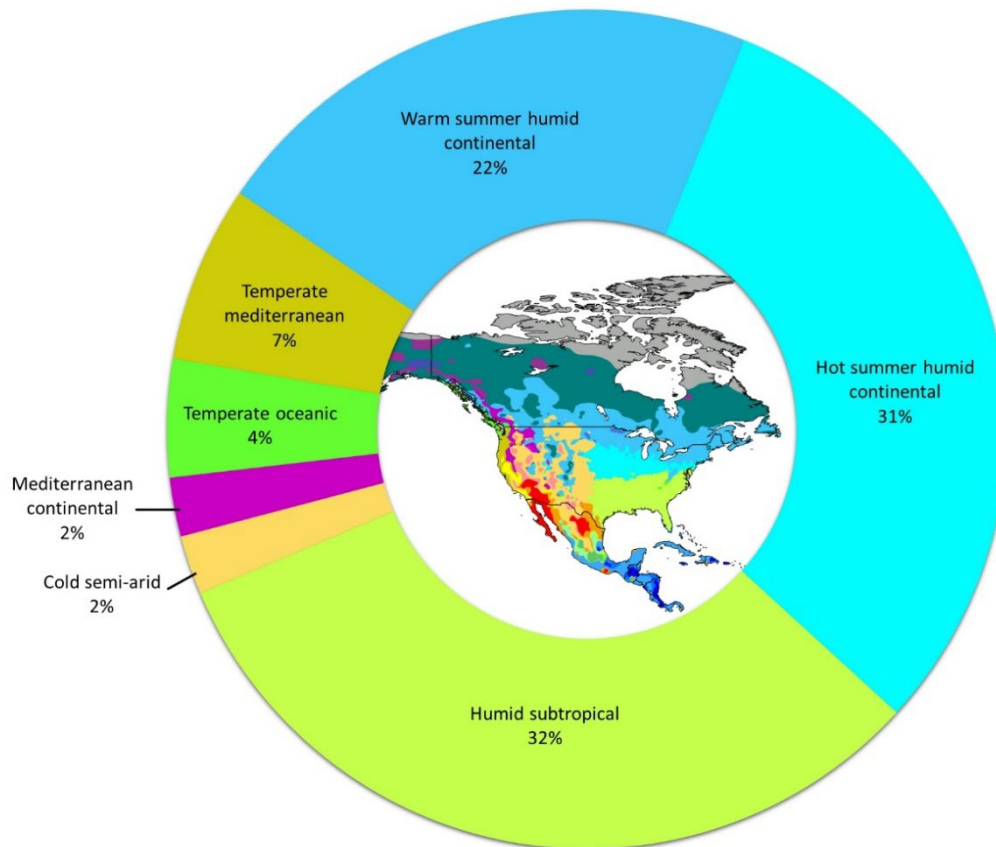
Suppl. Mat. 4 – Fig. 1. The receiver operating characteristic (ROC) curve generated in MaxEnt, showing an average of 10 repetitions of the model for *Drepanaphis acerifoliae* (Thomas, 1878).



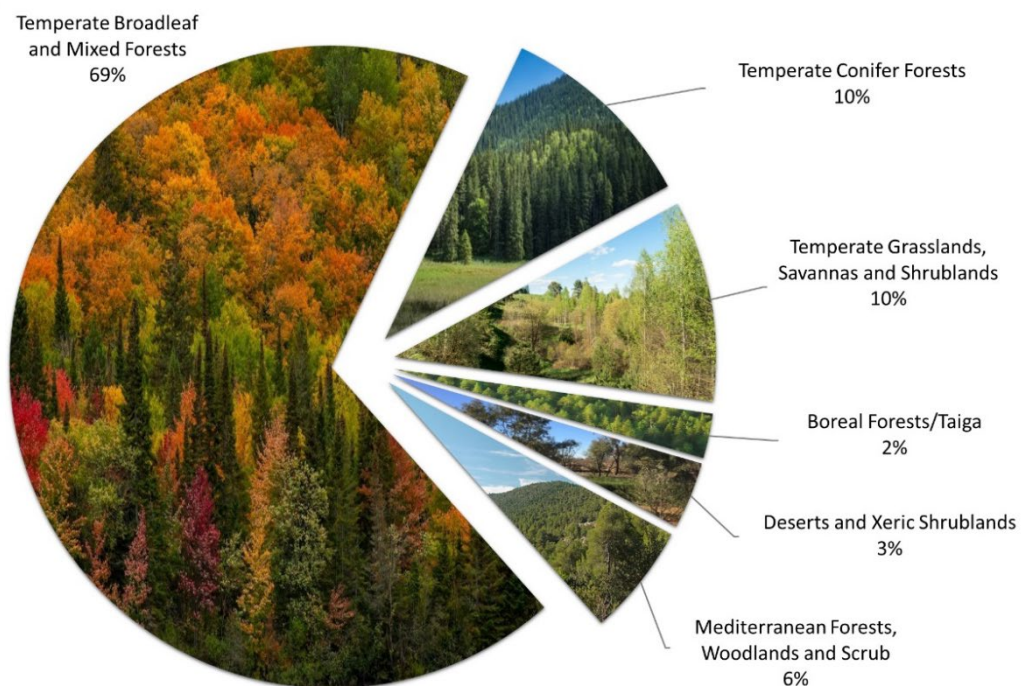




Suppl. Mat. 4 – Fig. 2. Results of response curves for selected variables for *Drepanaphis acerifoliae* (Thomas, 1878). The curves show the mean response of the 10 replicate MaxEnt runs (red) and the mean \pm one standard deviation (blue, two shades for categorical variables).



Suppl. Mat. 4 – Fig. 3. The percentage share of the representatives of *Drepanaphis acerifoliae* (Thomas, 1878) in the different climate types.



Suppl. Mat. 4 – Fig. 4. The percentage share of the representatives of *Drepanaphis acerifoliae* (Thomas, 1878) in the different biomes.