

Phenofit forward parametrisation report

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This document provides detailed information about model outputs with forward (default) species parameters.

1. Insights on the model performance

- Species : *A. alba*
- Discrimination metric: AUC on all presence/absence points = 0.644
- Reliability metric: Boyce index on all presence points = 0.929, 0.947, 0.805 (*Spearman, Pearson, Kendall*)

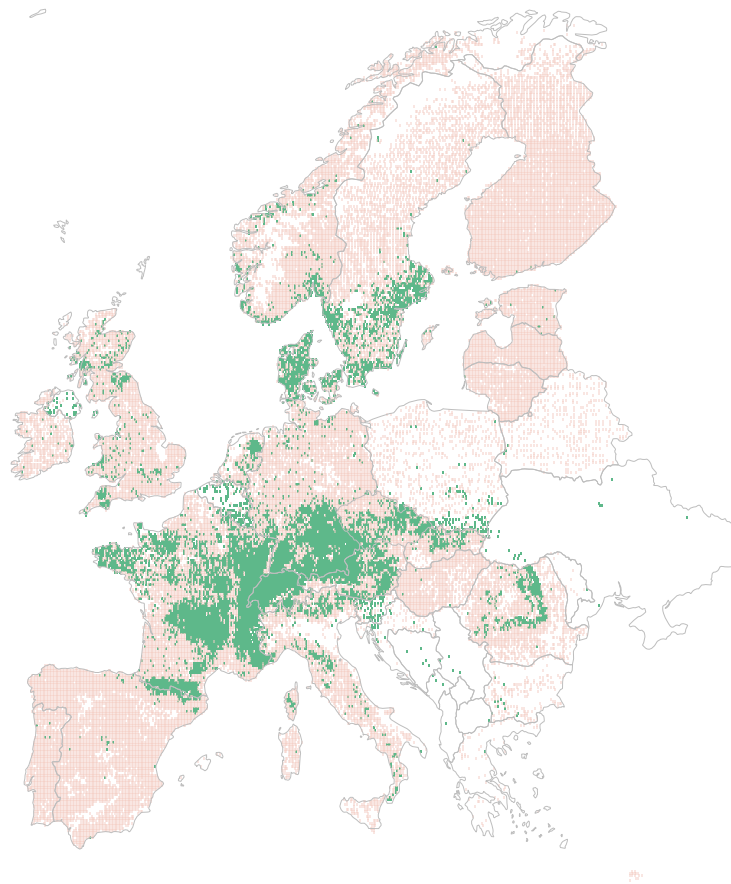


Figure 1: Species points: presence in green and absence in orange.

2. Simulation at European scale

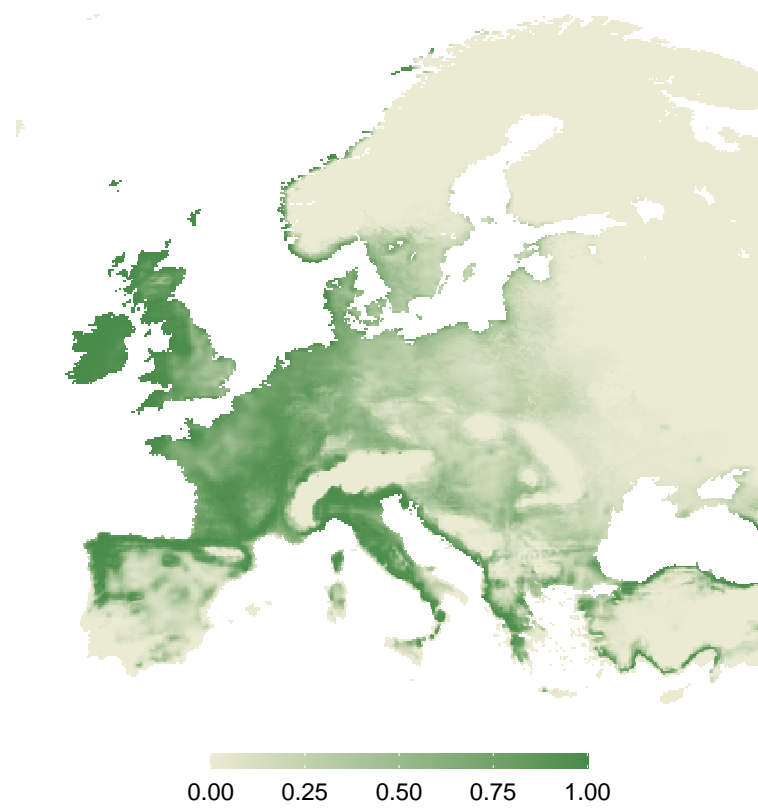


Figure 2: *Fitness map with forward parameter set*

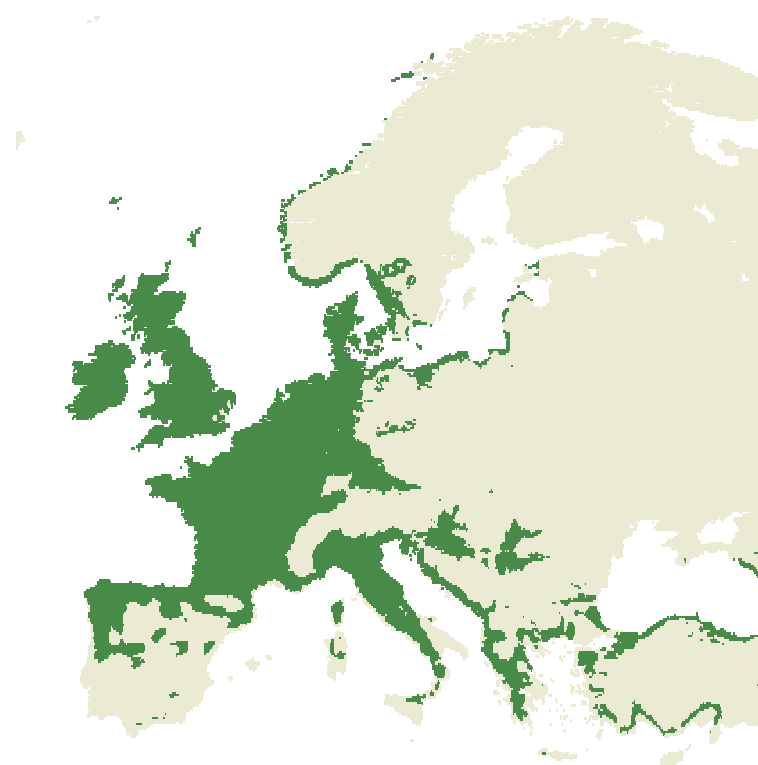


Figure 3: *Species presence map with forward parameter set. AUC threshold maximizing Youden index = 0.407.*