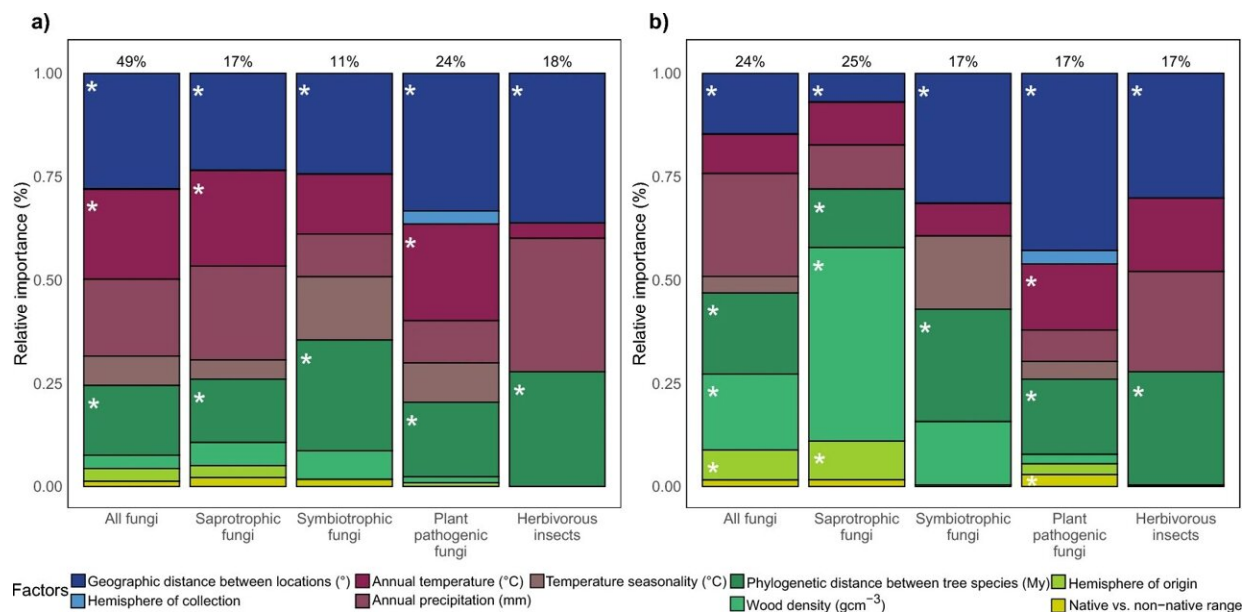


Study highlights urgent need to protect world's forests from non-native pests in the face of climate change

July 18 2023



The relative importance of different variables for β -diversity of tree-associated fungi and herbivorous insects. The effects of variables on incidence-based (**a**, Sørensen) and abundance-weighted (**b**, Morisita Horn) β -diversity as assessed with generalized dissimilarity models. Geographic, climatic and host-related variables are shown in different shades of blue, red and green, respectively. The results are shown for all fungi together (N = 352), and for saprotrophic (N = 352), symbiotrophic (N = 223) and plant pathogenic fungi (N = 347) separately, and for herbivorous insects (N = 96). Numbers above bars indicate percent of total deviance explained by a model. The relative importance of variables in explaining the dissimilarities is calculated from max values of curves generated from generalized dissimilarity models. Significant factors (p

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