



**Supplementary Figure 5.** Box plots for (A) local trait-based and (B) regional trait-based originality of native and non-native plant species. Regional originality values were calculated regarding all species in the dataset; local originality values were calculated for each of 586 species regarding only coexisting species in a particular plot. Bold black lines represent medians, boxes are 25-75% interquartile, vertical lines delimit samples with less than 1.5 times of the interquartile range and dots are outliers. Native and Non-native species differed significantly in their median (Wilcoxon rank test,  $W=5819854$ ,  $W=11347166$ ,  $p < 0.001$ , \*\*\*) in (A) and (B) respectively (see also Supplementary Table 6).