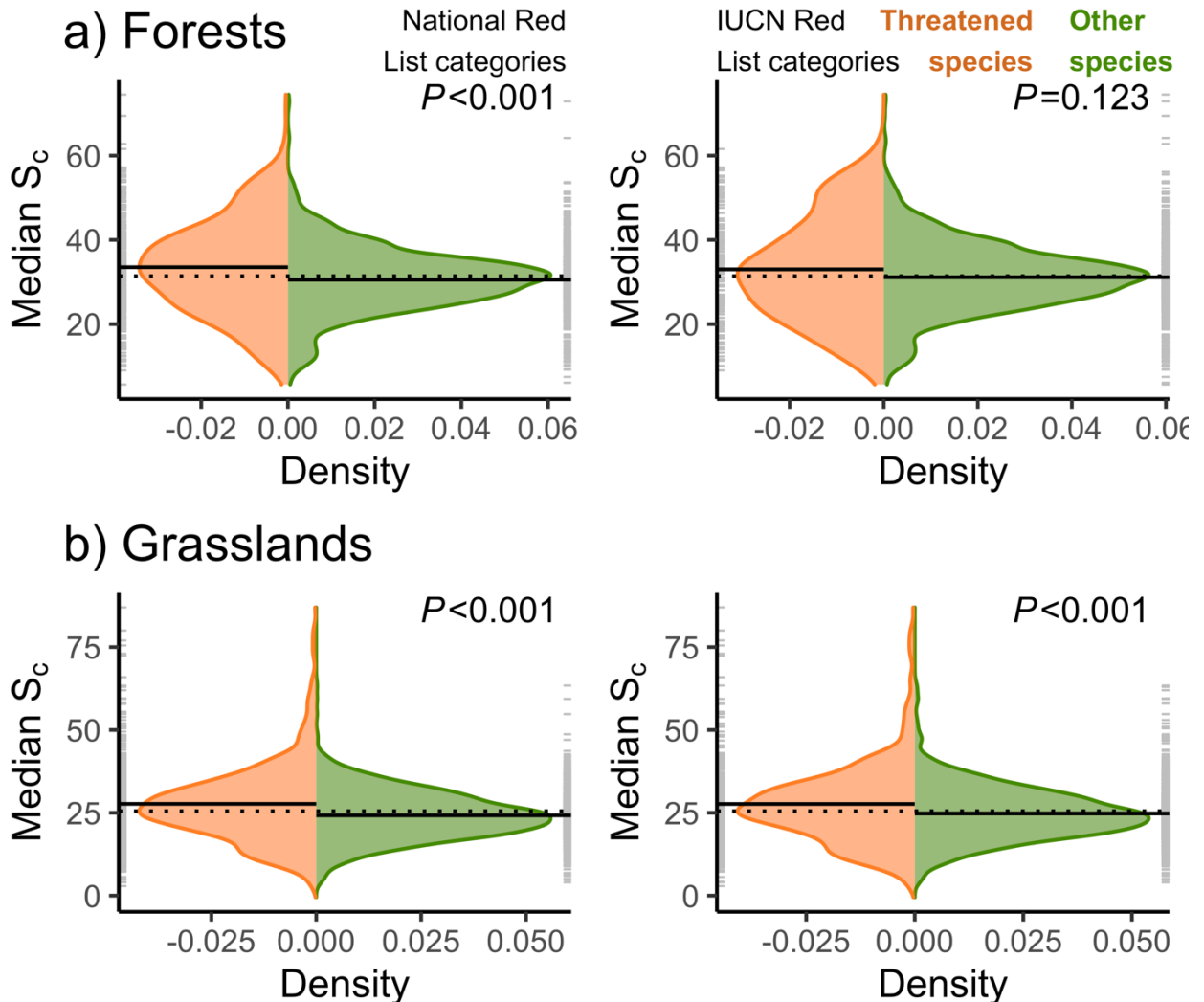
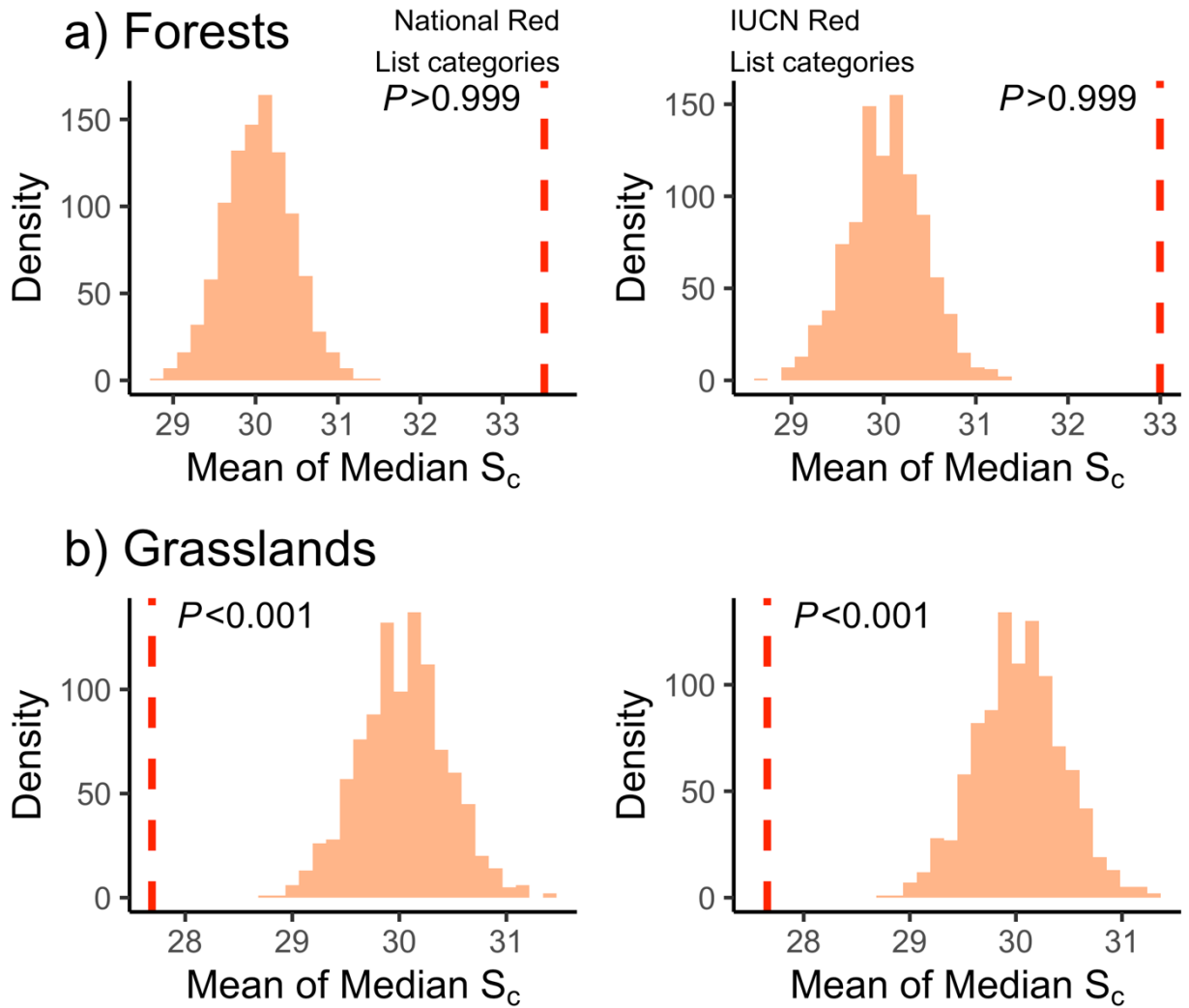


Padullés Cubino J., Fibich P., Lepš J., Chytrý M. & Těšitel J. (2023) Do threatened species occur in species-rich vegetation? – *Preslia* 95: 297–310.

**Supplementary Fig. S3.** Results considering all threatened species according to both the national and IUCN categories.



Density curves comparing the median (1<sup>st</sup> column), range (2<sup>nd</sup> column), and skewness (3<sup>rd</sup> column) of plot-size adjusted species richness ( $S_c$ ) of invasive species with all other species in (a) forests and (b) grasslands. Species are classified as threatened according to the Czech national Red List, using national and IUCN Red List categories. The dotted black line indicates the mean of the  $S_c$  values for each parameter across all species in the vegetation formation. The solid black line indicates the mean of the  $S_c$  values for each parameter of each group of species. Ticks on the left and right margins show  $S_c$  values for each parameter of individual species in each group. Negative density values for threatened species still indicate positive probability densities. The range and skewness of  $S_c$  were standardized (Std.) as described in Materials and Methods.  $P$ -values correspond to Mann-Whitney tests.



Comparison of mean observed values of the median (1<sup>st</sup> column), range (2<sup>nd</sup> column), and skewness (3<sup>rd</sup> column) of  $S_c$  of invasive species with the distribution of mean random values of  $S_c$  of the same parameters. Results are for threatened species in forests (a-b) and grasslands (c-d) according to the Czech national Red List using national and IUCN Red List categories. The dashed red line represents the mean observed  $S_c$  value of each parameter across all species. Bars show the distribution of random mean  $S_c$  values of each parameter. The range and skewness of  $S_c$  were standardized (Std.) as described in Materials and Methods.  $P$ -values indicate differences between mean observed and random  $S_c$  values for each parameter.