



**Supplementary material 2.** Distribution of parameters in all plots independent whether invaded or uninvaded. **A** Cover of herb, shrub and tree layer, litter, open soil and paved ground ( $n = 549$ ) **B** Ellenberg indicator values (EIV) for light availability (L,  $n = 527$ ), soil nutrients (N,  $n = 515$ ), soil reaction (R,  $n = 477$ ), soil moisture (F,  $n = 494$ ) and temperature (T,  $n = 482$ ) **C** Height of herb layer ( $n = 549$ ) **D** Distance between plot center and field margin ( $n = 549$ ) **E** Age of the nearest cup plant field ( $n = 549$ ). Shown is the median (line in the box) with the interquartile range (box), the values within 1.5 times interquartile range (whiskers) and the values outside this range (circles).