

Fig. 1 Suppl. Location of the sampling site (A). *Tetracentron sinense* (n=9), *Acer pictum* (n=3), *Pterocarya stenoptera* (n=6), and *Acer sterculiaceum* (n=3) were randomly collected under different light habitats to measure the photosynthetic parameters, three leaves from per individual tree (B). Young individuals of *Tetracentron sinense* (n=9) and mature individuals of *Tetracentron sinense* (n=9) were randomly collected under different altitudes (C).

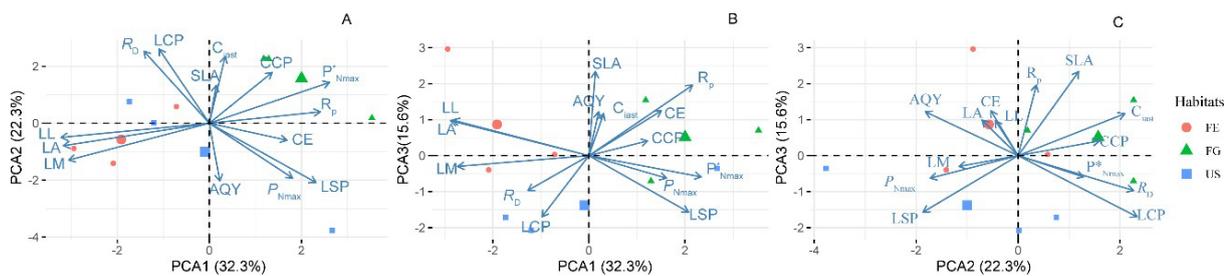


Fig. 2 Suppl. The PCA of leaf photosynthetic physiological characteristics for *Tetracentron sinense* in forest gap (FG) (A), forest edge (FE) (B), understory (US) (C). Each point represents one *Tetracentron sinense* from different habitats.

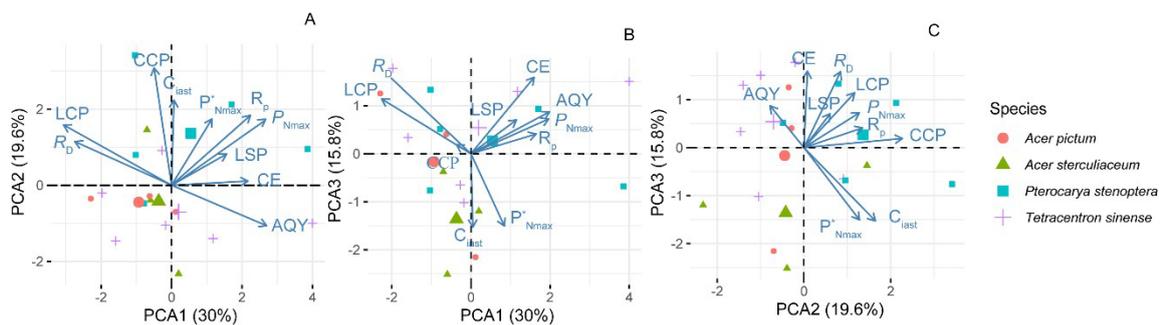


Fig. 3 Suppl. The PCA of leaf photosynthetic physiological characteristics for *Tetracentron sinense* and its associated species in different habitats. Different shapes of points represent different species.

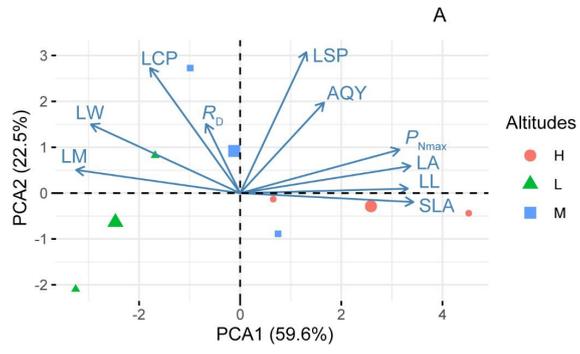


Fig. 4 Suppl. The PCA of leaf photosynthetic physiological characteristics for *Tetracentron sinense* at different altitudes. Different shapes of points represent different altitudes.