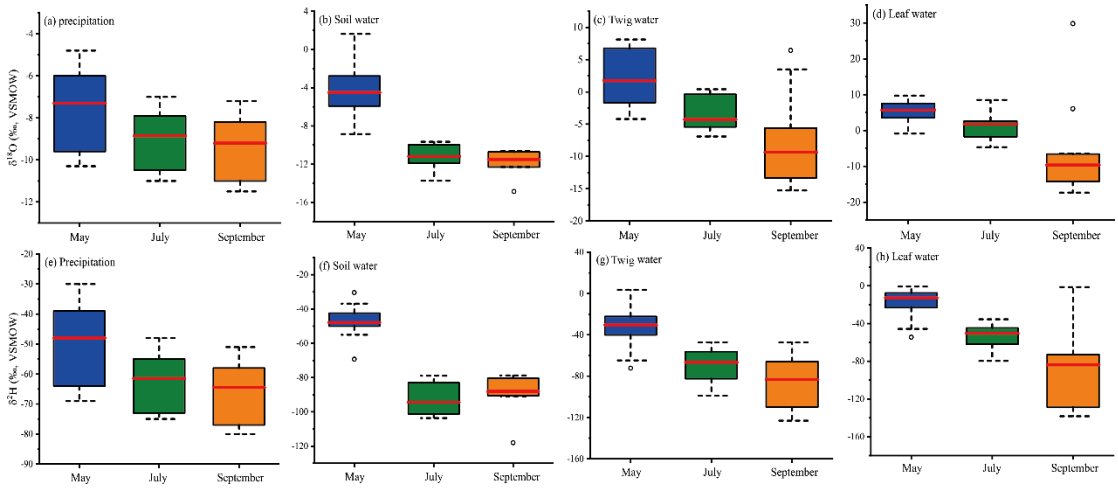
Supplementary Figures

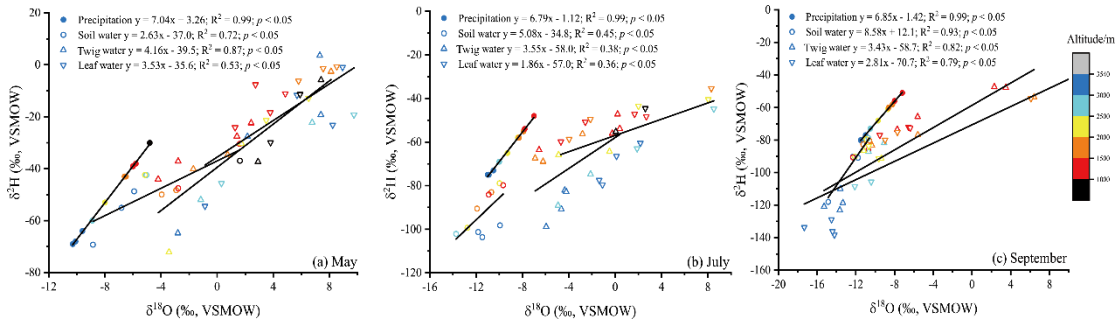
Supplementary Table S1 Boxplots of precipitation, soil water, stem water, and leaf water for $\delta^{18}O$ values (a-d) and $\delta^{2}H$ values (e-h). Box plots show the median (red line), interquartile range (IQR) with the upper (75%) and lower (25%) quartiles, lowest whisker still within 1.5 IQR of th elower quartile, and highest whisker still within 1.5 IQR of the upper quartile; dots mark outliers.

Supplementary Table S2 Dual isotope plots of precipitation, soil water, twig water, and leaf water in May (a), July (b), and September (c).

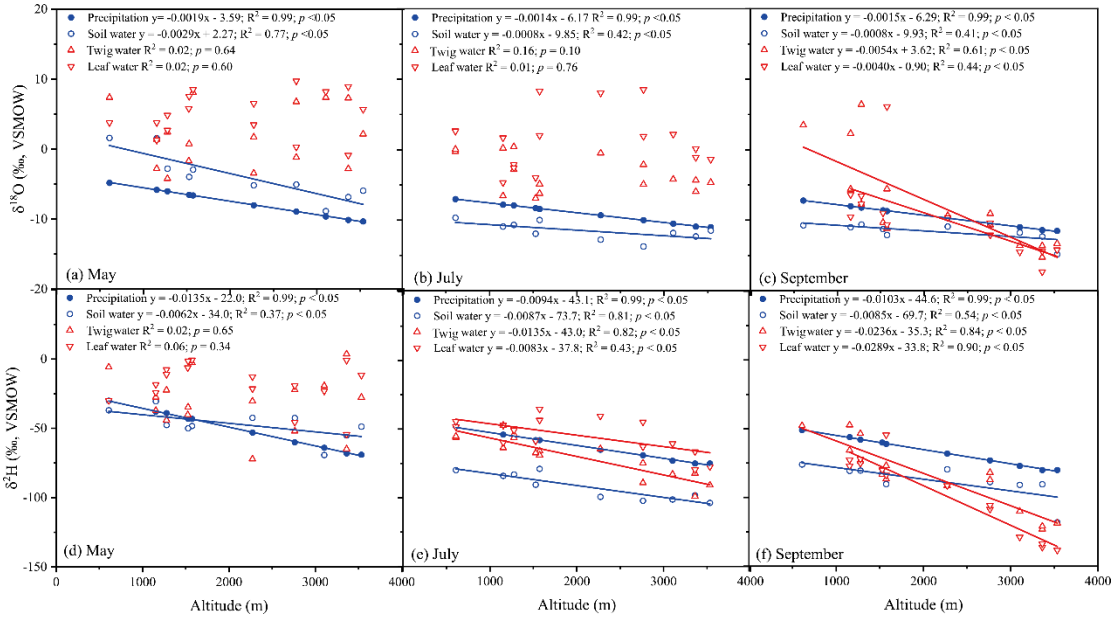
Supplementary Table S3 Relationships between altitude and $\delta^{18}O$ (a-c) and $\delta^{2}H$ values (d-f) from different water types across months.



Supplementary Table S1



Supplementary Table S2



Supplementary Fig. S3