

Table S1 Analytical parameters of leaf anatomical structure in six dominant species during different seasons

Mo nth	Species	LT	USCT	UET	LET	PTT	STT	SAFVB	DSVB	SASVB	DBAVB	SL	SW	AS	SD	AP	
Jun.	H. reticulata	173.27±23.7	2.40±0.2	21.40±1.54	11.59±0.86	32.79±4.90	108.77±19.8	0.17±0.0	121.09±37.	0.01±0.0	393.16±83.8	34.54±2.80	30.91±2.99	45.87±139.18	163.55±15.2	0.15±0.0	
	V. mangacha poi	132.66±3.42	3.27±1.1	14.26±1.59	10.41±1.04	26.78±2.32	79.63±2.92	A	0.20±0.0	96.12±5.43	0.01±0.0	202.90±42.1	30.55±2.36	26.31±2.78	14.48±133.76	201.61±52.9	0.17±0.0
	D. chunii	147.22±3.08	3.88±1.4	24.97±2.59	16.75±1.45	37.91±4.95	60.38±2.75	A	0.08±0.0	73.04±14.1	0.00±0.0	195.78±35.3	20.81±1.22	25.32±2.5	433.62±22.51	153.62±18.8	0.07±0.0
	A. tectorius	241.04±28.4	2.63±0.6	11.40±1.84	11.39±1.23	41.31±12.5	173.17±17.9	0.67±0.4	187.29±38.	0.03±0.0	264.27±73.7	25.37±1.36	25.97±3.06	19.59±107.23	105.35±17.5	0.06±0.0	
	P. khasiana	171.85±17.1	1.76±0.5	31.34±2.16	13.10±0.42	77.06±13.3	39.68±10.84	0.14±0.0	113.12±5.6	0.01±0.0	138.26±34.1	24.78±2.92	27.40±0.7	633.28±82.73	347.23±36.5	0.22±0.0	
	U. sanyaensis	230.53±19.8	3.56±0.3	33.16±2.36	23.90±4.31	36.98±4.35	44.40±13.40	0.16±0.0	97.21±16.1	0.01±0.0	252.27±60.2	31.32±2.65	30.03±1.28	78.66±149.64	113.35±26.1	0.10±0.0	
Sep.	H. reticulata	172.39±14.3	3.32±1.7	18.66±2.92	10.99±1.15	26.33±2.31	109.17±10.0	0.13±0.0	122.59±35.	0.01±0.0	238.72±105.30	14±2.33	24.74±2.3	718.55±73.03	170.72±41.6	0.12±0.0	
	V. mangacha poi	139.96±9.00	3.01±0.2	17.12±4.15	12.65±2.50	29.11±6.61	78.62±12.83	0.14±0.0	94.81±17.5	0.01±0.0	348.32±154.27	65±2.08	24.71±1.9	666.31±78.58	203.81±37.6	0.13±0.0	
	D. chunii	181.98±59.5	3.80±1.0	21.14±5.15	15.92±2.23	33.81±8.98	108.29±74.3	0.38±0.3	99.66±49.7	0.01±0.0	368.96±37.1	23.04±2.15	25.75±2.3	535.23±65.05	142.31±26.3	0.08±0.0	
	A. tectorius	242.80±63.5	2.53±1.0	14.67±5.62	12.39±1.57	31.11±14.1	171.48±75.7	1.12±0.7	162.82±56.	0.03±0.0	274.55±78.2	23.48±1.32	23.85±2.0	560.21±69.89	147.55±83.0	0.08±0.0	
	P. khasiana	156.30±33.9	3.18±0.9	27.12±2.42	13.74±5.04	60.36±18.5	36.60±16.75	0.09±0.0	108.31±9.9	0.01±0.0	185.02±17.7	27.81±4.43	27.75±1.56	04.53±143.38	292.90±97.0	0.17±0.0	
	U. sanyaensis	240.16±24.7	4.04±1.6	30.23±3.96	20.13±3.75	33.75±4.10	73.43±47.86	0.17±0.0	110.35±46.	0.01±0.0	268.26±75.4	30.12±3.04	27.95±2.17	15.79±126.60	124.38±44.3	0.09±0.0	

