

Table 1. Leaf architectural characteristics of *C. cartilaginea* (N = 110).

Architectural parameter	Mean	SE	Median	CV (%)	g1	g2	Min.	Max.	KS-z	Distribution**
Petiole length (cm)	1.33	0.0463	1.30	36.58	-0.186	-0.471	0.30	2.40	0.790(p<0.561)	Normal (symmetrical)
Petiole dry wt. (mg)	12.37	0.674	11.85	57.11	0.388	-0.546	0.60	29.60	0.704(p< 0.705)	Normal (symmetrical)
Moisture (%)	78.50	0.4554	79.436	6.08	-3.981	17.896	52.0	83.09	0.492(p<0.969)	Normal (symmetrical)
Degree of Succulence	3.060	0.0617	3.1096	22.78	-1.25	2.52	0.77	4.16	1.139(p<.150)	Normal (symmetrical)
LL, Lamina Length (cm);	3.927	0.0871	4.0	23.25	-0.448	-0.432	1.70	5.50	0.548(p< 0.925)	Normal (symmetrical)
BB, Lamina breadth (cm)	3.901	0.1038	4.0	27.87	-0.315	-0.069	1.20	6.70	0.778(p< 0.580)	Normal (symmetrical)
Lamina thickness (µm)	797.14	10.86	780.0	13.94	0.561	0.009	630	1155	0.969 (p < 0.305)	Normal (symmetrical)
LL / BB ratio	1.033	0.0143	1.012	10.55	1.109	1.981	0.91	1.94	0.998 (p < 0.273)	Normal (symmetrical)
Aspect ratio!	0.987	0.0125	0.988	13.28	-0.252	-0.229	0.609	1.0241	0.548(p< 0.925)	Normal (symmetrical)
K factor	0.7817	0.00778	0.7733	10.44	0.806	4.451	0.49	1.12	1.558 (p< 0.016)	Non-Normal, leptokurtic
LAM (cm ²)	12.796	0.5696	12.705	46.79	0.138	-0.399	1.47	29.48	0.944 (p < 0.770)	Normal (symmetrical)
Leaf apex extension	Zero									
Leaf base Extension (mm)	1.07	0.0867	1.000	120.16	1.589	3.156	0	6.5	3.468(p <0.0001)	Non-Normal , leptokurtic
Lamina area (Power Eq.) ◇	12.7743	0.5729	12.5629	47.04	0.186	-0.422	1.418	29.702	0.603(P < 0.860)	Normal (symmetrical)
Lamina area (Linear Eq.)◇◇	12.7955	0.5577	12.6712	45.71	0.123	-0.455	1.413	28.867	0.502(P < 0.911)	Normal (symmetrical)
Lamina area (multiple) ◇◇◇	12.4028	0.5445	13.3678	46.04	-0.432	-0.191	-2.04	25.5427	0.833(p< 0.818)	Normal (symmetrical)
Lamina area (via mean K)	12.7955	0.5421	12.5885	44.18	0.123	-0.455	1.59	28.28	0.562(p < 0.911)	Normal (symmetrical)
Leaf wt (mg)	222.41	10.672	225.2	50.32	0.264	-0.268	19.70	555.90	0.445 (p < 0.989)	Normal (symmetrical)
Petiole proportion to leaf *	5.674	0.164	5.604	30.25	-0.391	1.408	0.58	9.98	0.799(p < 0.545)	Normal (symmetrical)
LDMC	0.2150	0.0046	0.2056	22.22	3.981	17.896	0.161	0.480	2.756(p<0.0001)	Non-Normal, leptokurtic
SLA ***	126.613	2.115	121.77	17.52	2.070	7.076	82.55	233.5	1.565 (p <0.015)	Non-Normal, skewed (+)
SLM	0.01619	0.00023	0.01651	17.52	-0.335	1.565	0.009	0.0242	0.971(p <0.302)	Normal (symmetrical)
Apex angle (°)	119.2	0.915	120.0	8.06	-0.354	0.226	90	140	1.321(p <0.610)	Normal (symmetrical)
Base angle (°)	126.6	0.986	128.0	8.16	-0.250	0.510	95	155	1.138(p < 0.150)	Normal (symmetrical)
FW / DW ratio	4.7867	0.06205	4.8629	13.60	-1.946	6.229	2.083	6.194	1.777(p < 0.004)	Non-Normal, skewed (-)

g1: skewness; g2: kurtosis;

LL, lamina length;

BB, Broadest breadth of lamina;

*, by weight; **, as per Kolmogorov-Smirnov -z test (KS-z); ***, based on double-sided leaf area;

!, following Lu *et al.* (2012).

LAM, lamina area measured graphically;

◇, Estimated as lamina area = 0.66709. LL x BB ^{1.057833}; ◇◇, Estimated as lamina area = - 0.22765 + 0.80417 LL x BB; ◇◇◇, Estimated as lamina area = -10.033 + 2.314 LL + 3.523 BB.

St. Error for skewness (Sg₁) = $\sqrt{6N(N-1) / (N-2)(N+1)(N+3)} = 0.230$;

St. Error for kurtosis (Sg₂) = $\sqrt{24N(N-1)2 / (N-3)(N-2)(N+3)(N+5)} = 0.457$