

Supplementary Information

Table ST1. *Dimocarpus longan*

S. No.	Stomatal index	ADE-thickness (μm)	pc-thickness (μm)	mc-thickness (μm)	pc thickness/mc thickness	Leaf thickness (μm)	mc-thickness/leaf-thickness	Midrib vasculature(μm)
1	3	6.94	87.48	69.2	1.26416185	198.28	0.79019568	982.87
2	4.2	6.98	90.99	62.95	1.445432883	193.13	0.79707969	970.06
3	3.5	5.29	94.47	77.55	1.218181818	177.42	0.96956375	960.43
4	2	5.82	87.48	66.68	1.311937612	195.08	0.7902399	1003.98
5	4	6.75	93.4	69.89	1.336385749	194.84	0.83807226	995.39
6	4.6	6.13	88.55	67.27	1.316337149	192.37	0.81000156	965.19
7	4	6.63	94.44	62.92	1.500953592	191.48	0.82180907	952.95
8	3	5.39	89.2	66.27	1.346008752	181.86	0.85488838	970.06
9	3.5	6.13	85.71	76.67	1.117907917	187.03	0.86820296	961..25
10	3.5	6.95	86.9	76.53	1.135502417	187.6	0.87116205	1013.67
11	2.5	5.29	88.25	67.24	1.31246282	199	0.78135678	989.01
12	2.5	6.15	91	66.1	1.376701967	178.4	0.88060538	978.17
13	2	6.13	87.06	62.35	1.396311147	193.2	0.77334369	973.69
14	3	6..8	86.2	63.25	1.36284585	185.26	0.80670409	982.87
15	3	6.91	91.21	66.25	1.376754717	184.08	0.85538896	973.95
Mean	3.38	6.297			1.321192416		0.833	914.15

Table ST2. *Nephelium lappaceum*

S. No.	Stomatal index	ADE-thickness (μm)	pc-thickness (μm)	mc-thickness (μm)	pc thickness/mc thickness	Leaf thickness (μm)	mc-thickness/leaf-thickness	Midrib vasculature(μm)
1	1.88	4.52	52.59	73.61	0.714440973	141.38	0.89262979	1037.87
2	2.12	4.35	47.05	70.57	0.666713901	144.92	0.8116202	899.48
3	2.7	4.35	55.47	70.56	0.786139456	142.05	0.88722281	1040.76
4	2.2	3.49	61.6	68.34	0.901375476	143.53	0.90531596	1056.03

5	2.35	5.19	58.75	71.88	0.817334446	142.14	0.9190235	1056.64
6	1.88	5.51	56.3	73.17	0.769441028	140.01	0.92471966	1011.81
7	2.12	5.48	47.65	73.61	0.647330526	140.28	0.86441403	1057.4
8	2.25	6.01	61.6	70.57	0.872892164	142.94	0.9246537	1063.4
9	2.2	5.21	48.93	68.84	0.710778617	142.06	0.82901591	1045.35
10	2.3	5.21	59.36	73.17	0.811261446	145.53	0.91067134	1045.35
11	1.25	5.23	53.26	72.61	0.733507781	142.32	0.8844154	1012
12	1.9	5.02	46.52	71.56	0.650083846	143.52	0.82274247	1023.14
13	2	4.75	62.3	68.34	0.911618379	142.08	0.91948198	1025.35
14	2.8	4.59	57.75	71.58	0.806789606	140.98	0.91736417	1012
15	2	5.16	56.3	73.31	0.767971627	141.53	0.91577757	955.36
Mean	2.2	4.932	54.93		0.76977	142.484	0.886	1022.79

Table ST3. *Nephelium ramboutan-ake*

S. No.	Stomatal index	ADE-thickness (µm)	pc-thickness (µm)	mc-thickness (µm)	pc thickness/mc thickness	Leaf thickness (µm)	mc-thickness/leaf-thickness	Midrib vasculature(µm)
1	2.8	3.9	116.07	108.24	1.072339246	296.11	0.75752254	1098.096
2	1.8	4.7	117.75	116.02	1.014911222	290.09	0.80585336	1090.49
3	2.5	3.92	108.23	129.05	0.838667183	292.67	0.81074247	1161.67
4	2.8	4.32	115.15	119.51	0.963517697	291.9	0.80390545	1212.67
5	2.3	4.33	110.91	133.34	0.831783411	294.62	0.82903401	1012.36
6	2.4	4.35	115.16	125.73	0.915930963	301.4	0.79923689	1060.56
7	2.5	3.99	103.93	119.48	0.869852695	293.83	0.76033761	1112.53
8	2.6	4.94	108.26	124.75	0.867815631	294.66	0.79077581	1090.63
9	2.5	4.66	114.55	132.75	0.862900188	300.07	0.82414103	1010.23
10	3	5.63	110.82	133.47	0.830298944	295.45	0.82684041	1003.23
11	2.6	5.2	111.2	108.45	1.025357308	296.21	0.74153472	1090.23
12	2.3	3.9	110.52	115.23	0.959125228	301.23	0.74942735	999.85
13	2.8	4.56	111.7	121.32	0.920705572	289.98	0.80357266	1110.23

14	2.2	4.5	109.12	131.25	0.831390476	294.56	0.81603069	1025.28
15	1..8	3.89	105.02	119.86	0.876188887	295.68	0.76055195	1072.54
Mean	2.52	4.474			0.9068		0.8008	1077.25

Table ST4. *Litchi chinensis*

S. No.	Stomatal index	ADE-thickness (µm)	pc-thickness (µm)	mc-thickness (µm)	pc thickness/mc thickness	Leaf thickness (µm)	mc-thickness/leaf-thickness	Midrib vasculature(µm)
1	2.2	4.55	49.35	127	0.388582677	232.61	0.75813594	1267.81
2	1.4	4.4	46.13	133.05	0.346711762	230.05	0.77887416	1311.18
3	1.5	4.41	60.44	160.43	0.376737518	258.83	0.85334003	1378.82
4	1.8	4.38	70.71	160.335	0.441014127	268.97	0.85899914	1393.1
5	1.3	4.55	49.14	137.63	0.357044249	233.82	0.79877684	1250.26
6	1.38	4.39	42.12	131.8	0.319575114	193.51	0.89876492	1122.2
7	1.33	4.33	40.81	118.25	0.345116279	195.28	0.81452274	1113.25
8	1.6	4.78	43.31	123.81	0.349810193	195.7	0.85396014	1245.58
9	1.4	4.84	42.96	118.18	0.363513285	193.32	0.83354024	1256.34
10	1.3	4.38	54.49	137.65	0.395859063	233.36	0.82336304	1312
11	1.3	4.6	49.56	125.23	0.395751817	219.56	0.79609218	1215
12	1.5	4.08	52.31	135.04	0.387366706	210.23	0.89116682	1213.25
13	1.76	3.72	42.85	125.63	0.341080952	195.65	0.86112957	1214.36
14	1.5	7.7	51.23	120.25	0.426029106	212.25	0.80791519	1010.36
15	1.8	4.21	58.96	145.78	0.404445054	248.25	0.82473313	1105.98
Mean	1.521	4.501			0.368		0.8272	1227.3

ADE=Adaxial Epidermis; ABE=Abaxial Epidermis; mc= mesophyll cells, pc= palisade cells.