

Parameter	<i>D. altispira</i>	Position	<i>D. baroemoenensis</i>	Position
Carbon	0.5492	Within P1	0.07428	Within P1
Oxygen	0.2239	Within PT	0.7708	Within P2
U_Area	<b>0.004858</b>	<b>Within P2</b>	<b>0.00429</b>	<b>Final sample</b>
U_Aspect Ratio	0.1084	Within PT	0.09192	1st PT sample
U_Dmax	0.07362	Within P2	<b>0.006501</b>	<b>Final sample</b>
U_Dmin	<b>0.02256</b>	<b>Within P2</b>	<b>0.01497</b>	<b>Final sample</b>
U_Range	0.2757	Within P1	0.1778	Within P2
U_Roundness	<b>0.0396</b>	<b>Within P1</b>	NA	NA
U_Circularity	0.2506	1st PT sample	NA	NA
L_Area	<b>0.000794</b>	<b>Within P2</b>	0.06507	Final sample
L_Aspect_Ratio	<b>0.02223</b>	<b>Within PT</b>	0.06467	1st P2 sample
L_Dmax	0.05313	Within P2	<b>0.01546</b>	<b>Final sample</b>
L_Dmin	<b>0.004458</b>	<b>Within P2</b>	0.264	Penultimate sample
L_Range	0.06445	1st PT sample	0.08086	1st P2 sample
L_Roundness	<b>0.01327</b>	<b>Last PT sample</b>	NA	NA
L_Circularity	0.562	Within P2	NA	NA

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2 Table 1. Grubbs' Test results. Bold and italic results indicate statistical significance.

3 U = Umbilical, L = Lateral, P1 = Phase 1, P2 = Phase 2, PT = Phase Transition.