

Parameter	Test	P1vP2
Carbon	M-WU	<i>0.007</i>
Oxygen	M-WU	0.183
U_Area	M-WU	0.227
U_Aspect_Ratio	M-WU	0.806
U_Size_Range	M-WU	0.557
U_Roundness	M-WU	0.135
U_Circularity	M-WU	0.937
L_Area	M-WU	0.429
L_Aspect_Ratio	M-WU	0.272
L_Size_Range	M-WU	0.227
L_Roundness	M-WU	0.506
L_Circularity	M-WU	0.176

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2 Table 2. Mann-Whitney U test results for between *D. altispira* phase populations.

3 Bold, italic results indicate statistical significance. U = Umbilical, L = Lateral, P1 =

4 Phase 1, P2 = Phase 2, PT = Phase Transition.