Correlation Matrix of Morphological Traits and Alpha Diversity Index (16S) Richness_16S Evenness_16S Shoot_Length Leaf_Width No_Leaves 0.0020 Richness_16S 0.0015 0.26 0.65 0.41 0.0010 *** *** 0.0005 0.0000 Evenness_16S 8.0 0.32 0.6 0.4 150 Shoot_Length 100 0.46 *** 50 7.5 Leaf_Width 0.25 5.0 2.5 No_Leaves 10 7.5 0.4 0.5 0.6 0.7 0.8 0.9 50 10 150 250 500 750 100 2.5 5.0 5 Correlation Matrix of Morphological Traits and Alpha Diversity Index (18S) Richness_18S Evenness_18S Shoot_Length Leaf_Width No_Leaves 0.0100 -Richness_18S 0.0075 0.22 0.76 0.33 0.0050 *** *** 0.0025 0.0000 1.00 Evenness_18S 0.75 0.50 0.25 0.00 Shoot_Length 100 0.44 *** 50 7.5 Leaf_Width 0.21 5.0 2.5 -No_Leaves 10

100

50

150

100

200

0.0

0.6

7.5

5.0

2.5

10

5