

Table S3 Polynomial fits showing the effect of latitude on epiphytic and endophytic fungal diversity with plant identity being treated as a random factor

		Variable	Estimate	Std. Error	t value	Pr(> t)	AIC
Epiphytic fungi	Alpha diversity	Latitude	-1.166	0.215	-5.428	<0.001	11492.16
		Latitude	-10.707	1.230	-8.702	<0.001	11447.77
		Latitude^2	0.126	0.016	7.708	<0.001	
Endophytic fungi	Alpha diversity	Latitude	0.024	0.157	0.152	0.880	10032.03
		Latitude	-5.204	0.963	-5.404	<0.001	10013.67
		Latitude^2	0.070	0.013	5.485	<0.001	
Epiphytic fungi	Beta diversity	Latitude	-0.003	1.75E-04	-15.47	<0.001	-3514.700
		Latitude	-1.68E-02	1.38E-03	-12.22	<0.001	-3615.194
		Latitude^2	1.98E-04	1.91E-05	10.33	<0.001	
Endophytic fungi	Beta diversity	Latitude	1.79E-04	0.0003	0.677	0.499	-2384.078
		Latitude	-2.69E-02	1.99E-03	-13.52	<2e-16	-2555.946
		Latitude^2	3.77E-04	2.75E-05	13.71	<2e-16	