

Variable	Effect	<i>F</i>	DF	<i>P</i>	<i>N</i>	R^2_{site}	R^2_{marginal}
Annual precipitation $\delta^{18}\text{O}$	0.43 ± 0.035	148.4	1, 95	< 0.001	335	0.69	0.50
species	-0.83 ± 0.083	101.3	1, 250	< 0.001			0.05
Annual precipitation $\delta^{18}\text{O} \times$ species		1.9	1, 261	0.16			
Apr–Sep precipitation $\delta^{18}\text{O}$	0.49 ± 0.049	100.5	1, 94	< 0.001	335	0.58	0.42
species	-0.83 ± 0.083	99.4	1, 249	< 0.001			0.05
Apr–Sep precipitation $\delta^{18}\text{O} \times$ species		1.4	1, 256	0.24			
Jan–Apr precipitation $\delta^{18}\text{O}$	0.37 ± 0.027	187.2	1, 96	< 0.001	335	0.75	0.55
Species	-0.84 ± 0.083	102.3	1, 252	< 0.001			0.05
Jan–Apr precipitation $\delta^{18}\text{O} \times$ species		2.3	1, 265	0.13			
Annual precipitation $\delta^{18}\text{O}$	0.41 ± 0.038	111.9	1, 88	< 0.001	310	0.64	0.46
HWT	0.015 ± 0.005	10.4	1, 288	< 0.01		0.00	0.01
ET/ <i>P</i>		0.1	1, 99	0.81	335		
(ET/ <i>P</i>) \times species	S. fus: -0.39 ± 0.48 S. mag: 0.28 ± 0.50	3.5	1, 266	0.06		0.00	0.00
<i>P</i>	-0.0005 ± 0.0008	0.4	1, 99	0.54	335	0.00	0.00
<i>P</i> \times species		0.8	1, 257	0.37			
Temp	-0.14 ± 0.051	7.4	1, 96	0.01	335	0.02	0.02
Temp \times species		1.6	1, 274	0.21			