	environmental			metrics			nMDS	
	MAT	HR	AP	ACL	RATIO	CPI	Axis 1	Axis 2
ALT	−1	−0.6	−0.8	−0.7	−0.7	0.2	−0.6	0.1
MAT		0.6	0.8	0.7	0.7	−0.2	0.6	−0.1
HR			0.6	0.3	0.4	−0.4	0.4	0.2
AP				0.6	0.5	−0.2	0.5	0
ACL					0.9	0.1	0.9	−0.4
RATIO						0.1	1	−0.1
CPI							0.1	−0.3
Axis 1								0

(a) leaf (86)

ALT	−1	−1	−0.9	−0.3	−0.1	0.4	−0.4	−0.3
MAT		1	0.9	0.3	0.1	−0.4	0.4	0.3
HR			0.9	0.3	0.1	−0.4	0.4	0.3
AP				0.4	0	−0.2	0.4	0.6
ACL					0.8	−0.2	1	0
RATIO						−0.4	0.8	−0.5
CPI							−0.2	0.4
Axis 1								0

(b) necromass (13)

ALT	−1	−0.7	−0.8	−0.5	−0.4	0.4	−0.5	0
MAT		0.7	0.8	0.6	0.5	−0.4	0.5	0
HR			0.7	0.2	0.1	−0.3	0.2	0.1
AP				0.4	0.3	−0.4	0.4	0
ACL					0.9	0	0.9	−0.2
RATIO						−0.1	1	−0.1
CPI							−0.2	−0.5
Axis 1								0

(c) soil (51)

p < .001 ———
p < .005 – – –
p < .01 ··········

-1 -0.8 -0.6 -0.4 -0.2 0 0.2 0.4 0.6 0.8 1