

SUPPLEMENTARY MATERIAL

Table S1. Summary statistics of soil data by year since the 2015 forest fire and across the fire severity gradient evaluated in the study.

Year	Fire Severity Level	Soil variable	Min.	Mean	Max.	SD
2016	Unburned Forest	N (mg/kg)	25	52.3	102	48
		P (mg/kg)	6	10.9	17	38.3
		K (mg/kg)	39	74	160	51.6
		SOM (%)	3.8	7.1	10.6	33
	Low	N (mg/kg)	30	61.6	117	42.5
		P (mg/kg)	5	9.4	21	54.7
		K (mg/kg)	39.1	57.8	82.1	26.8
		SOM (%)	5.6	5.8	6	27.4
	Moderate	N (mg/kg)	68	116.2	186	30.4
		P (mg/kg)	11	17.7	26	25.8
		K (mg/kg)	46.9	92.2	129	29.7
		SOM (%)	5.2	7.1	10.5	22.4
	High	N (mg/kg)	21	82.2	165	68.1
		P (mg/kg)	5	12.2	21	45.3
		K (mg/kg)	39.1	121.9	351.9	78.7
		SOM (%)	5.51	6.1	7.9	51.7
2017	Low	N (mg/kg)	12	17	26	22.6
		P (mg/kg)	3	13.1	49	73.8
		K (mg/kg)	23	61.5	184	52.9
		SOM (%)	2.5	7.3	21.8	53.1
	Moderate	N (mg/kg)	12	20.1	35	18.4
		P (mg/kg)	4	13.6	32	50.2
		K (mg/kg)	31	71.9	156	40.5
		SOM (%)	5.2	5.9	7.2	37.9

2018	High	N (mg/kg)	16	26.1	69	41.5
		P (mg/kg)	3	11.5	24	48.1
		K (mg/kg)	31	93.9	297	65.8
		SOM (%)	5.6	5.8	6.6	45.1
	Low	N (mg/kg)	4	15.7	33	43.9
		P (mg/kg)	2	11.9	36	60.3
		K (mg/kg)	39	73.9	172	35.3
		SOM (%)	2	9.2	27	52.4
	Moderate	N (mg/kg)	4	16.3	36	57.7
		P (mg/kg)	6	16.5	35	40.3
		K (mg/kg)	55	90.1	192	30.5
		SOM (%)	2	7.81	13	35
	High	N (mg/kg)	3	13	32	50.7
		P (mg/kg)	4	17.1	110	102.4
		K (mg/kg)	55	107.2	297	57.9
		SOM (%)	5	9.4	24	40.8