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## **Contributions of microbial activity and ash deposition to post-fire nitrogen availability in a pine savanna**

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	Burned Sites		
	B1	B2	B3
Minimum shift	8	3	11
Empirical shift	316	8	-108

**Supplementary Table S1. The mass of N needed to be deposited at each site in order to achieve a shift in soil  $\delta^{15}\text{N}$  of the minimum external precision, and the observed empirical shift in soil  $\delta^{15}\text{N}$ . These values were calculated from mixing models with fresh leaf  $\delta^{15}\text{N}$  as one end member. Across 1,827 samples from 67 plant species, the mean  $\delta^{15}\text{N}$  was -2.9‰ ( $\pm 0.1$ ; J. Wright, unpublished data). Units are in  $\text{g N m}^{-2}$ . Minimum external precision is 0.1‰  $\delta^{15}\text{N}$  at 1 standard deviation.**