Environmental Correlates of the Distribution and  
Abundance of Microstegium vimineum, in East

* gradients. We found that M. vimineum exhibits the broad environmental tolerance of many "weedy" species, and it appears that no single variable explains presence or p elated only
* with soil pH, whereas M. vimineum performance was positively correlated with canopy openness and biomass of other spe
* The nearly ubiquitous presence of M. vimineum along roads and trails in the study area, and the frequent incursion of roadside populations into adjacent forested habitat, highlights the importance of early control of source populations at forest edge
* that it tends to be (4.8), nitrogen-rich soils with textures drained silty loams to loamy sands
* Winter et al. (1992) noted that this s positively to increasing light availability sunlight; more recent research has demonstrated an increasing re-sponse up to 75% sunlight, especially when soil moisture is abundant.
* Reproduction greater=higher soil moisture
* Dense pop.

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