Supplementary materials

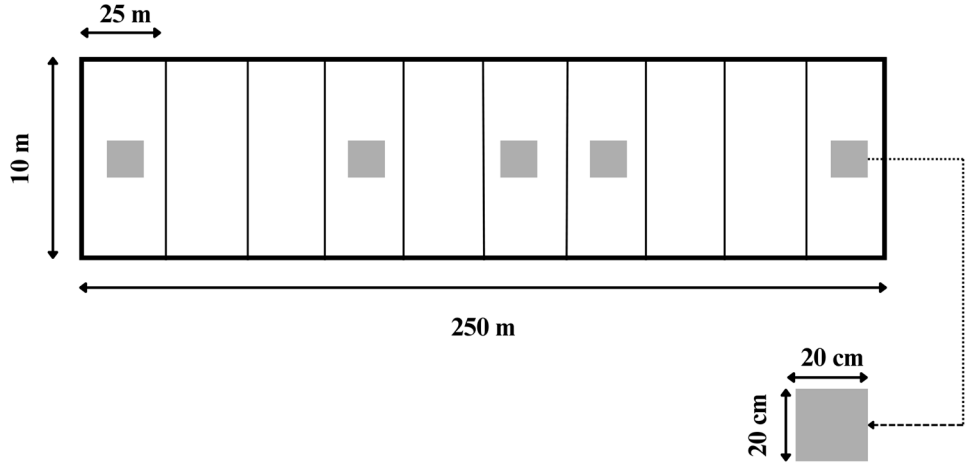


Figura S1. Sampling design of the plots in the Tapajós-Arapiuns Extractive Reserve, Brazil. The gray boxes represent the soil samples collected at random.

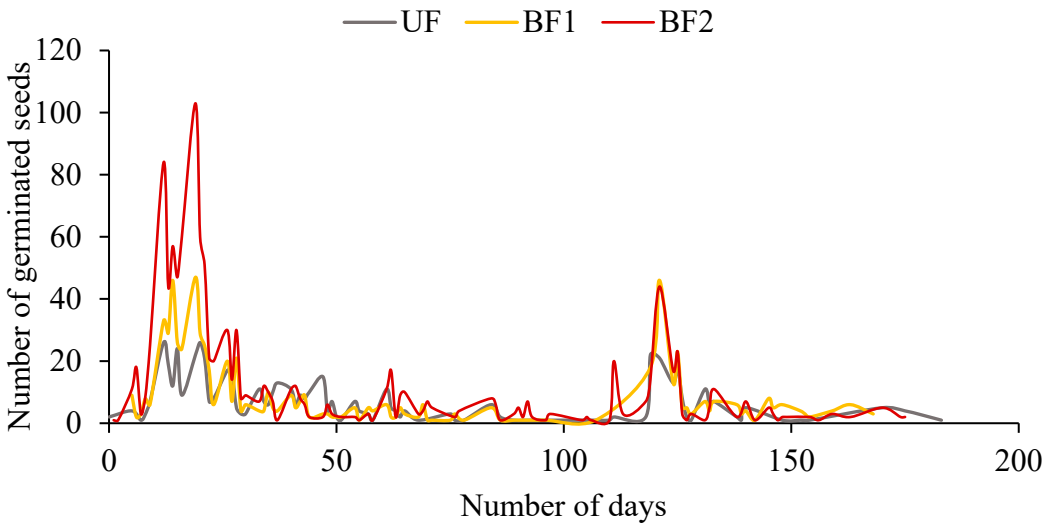


Figure S2. Number of seeds germinated per day in the seed bank of unburned forests (UF), forests burned once (BF1) and burned twice (BF2) forests in the Tapajós-Arapiuns Extractive Reserve, Brazil.

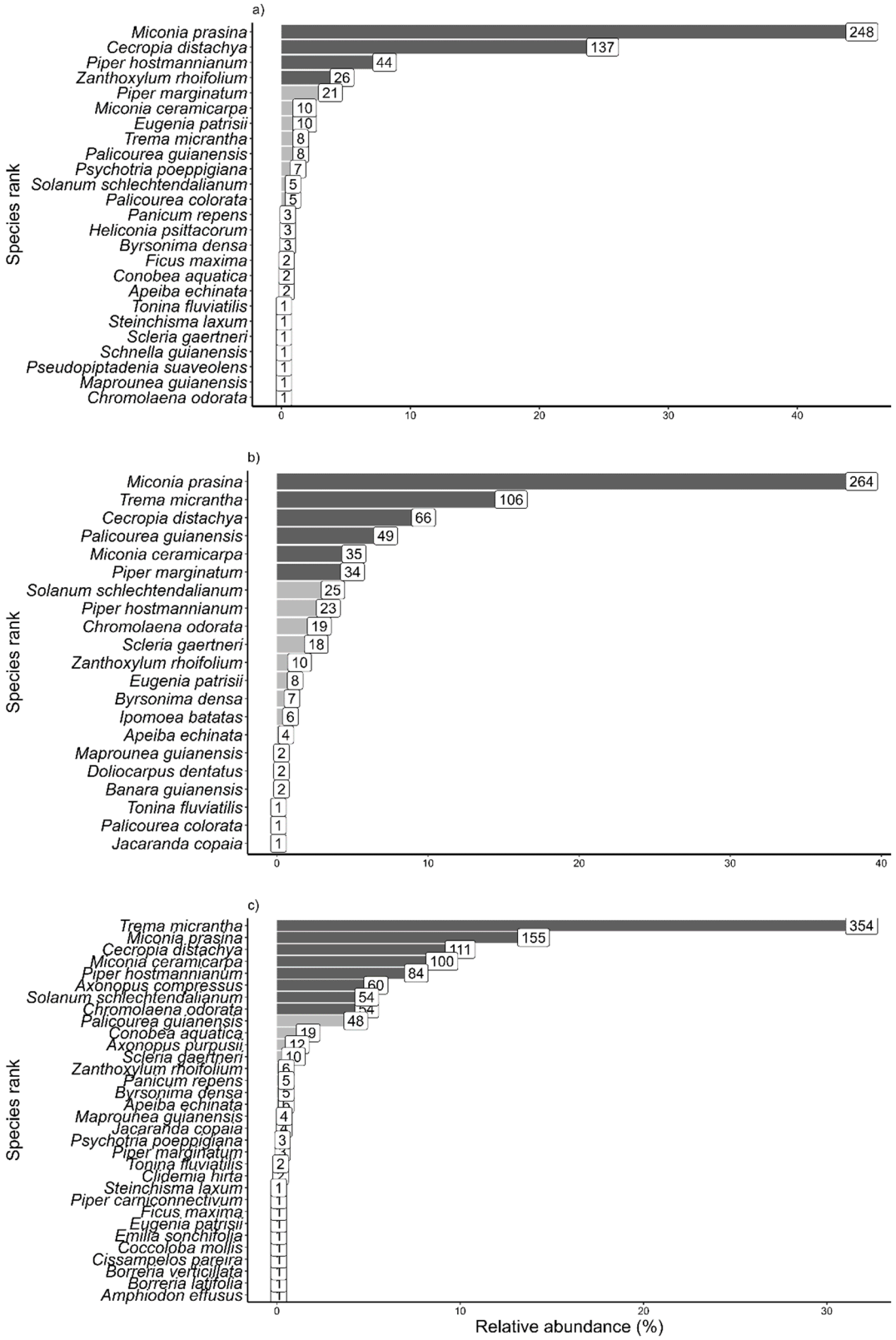


Figure S3. Ranking and frequency of species germinated in the soil seed bank of unburned forests in the Tapajós-Arapiuns Extractive Reserve, Brazil. Habitats unburned (a), forests burned once (b) and forests burned twice (c).

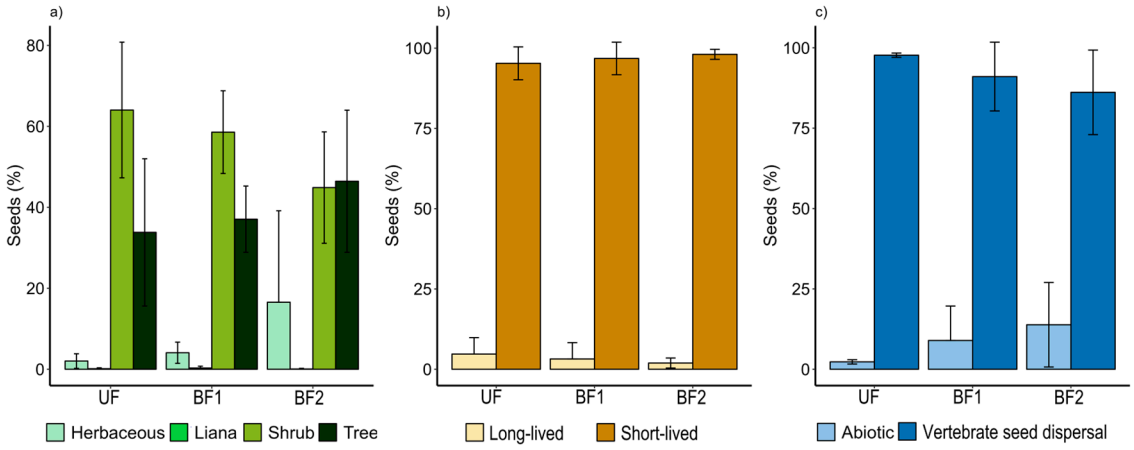


Figure S4. Mean (bar size) and standard deviation of seed frequency (%) by functional attribute: (a) Life forms; b) Regeneration strategy; c) Dispersal syndrome) in the unburned forest (UF), forests burned once (BF1) and forests burned twice (BF2) habitats in the Tapajós-Arapiuns Extractive Reserve, Brazil..

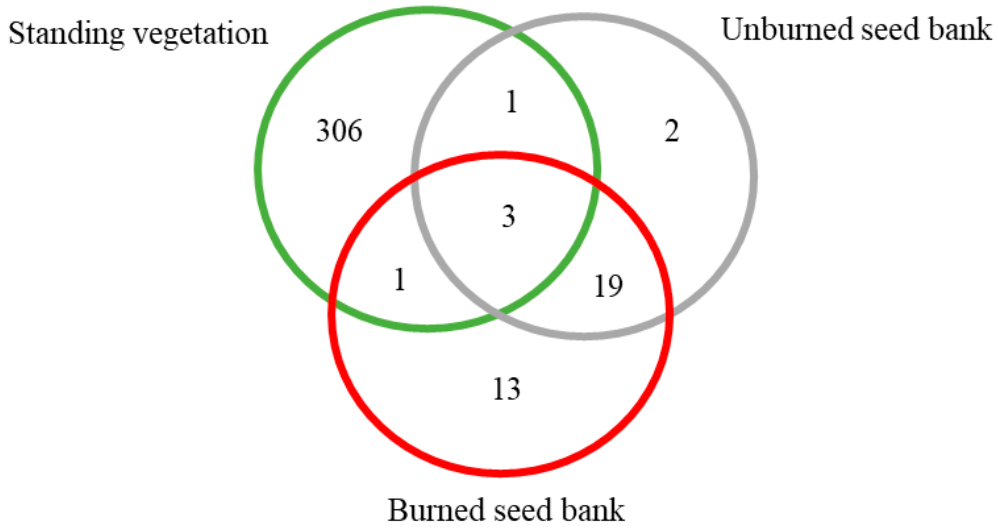


Figure S5. Venn diagram of species found in the soil seed bank of unburned forests, burned forests (once and twice) and above-ground vegetation of the Tapajós-Arapiuns Extractive Reserve, Brazil.