

Figure S1. Soil temperature in monoculture plantations of *Tectona grandis* (blue circles), *Dalbergia retusa* (red triangles) and *Terminalia amazonia* (yellow diamonds) during a litter decomposition experiment in the Agua Salud project in Panama. The measurements were taken for each mesocosm ($n = 7$ per block from January until April 2017 and $n = 7$ per block from May until July 2017) every month during 7 months.

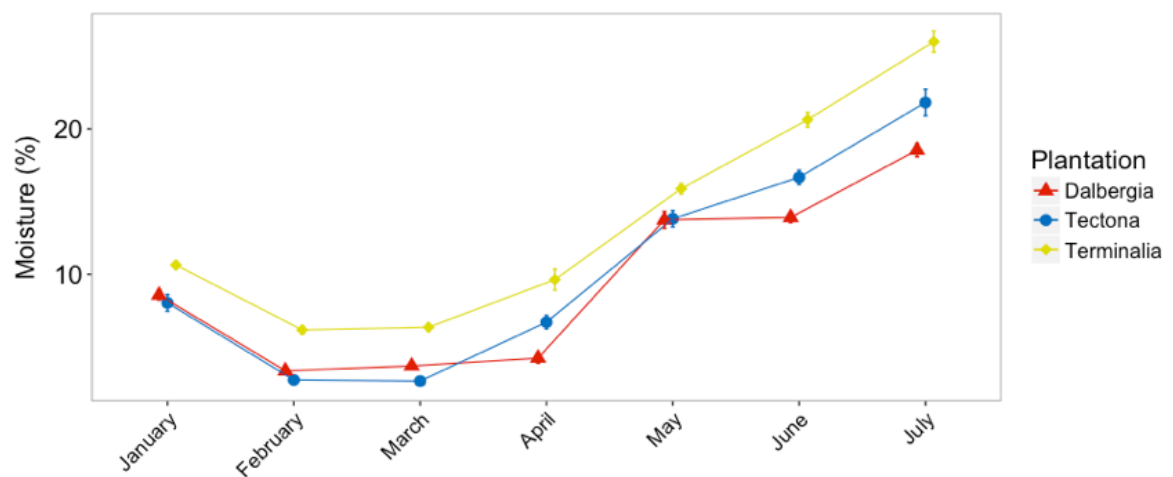


Figure S2. Soil moisture in monoculture plantations of *Tectona grandis* (blue circles), *Dalbergia retusa* (red triangles) and *Terminalia amazonia* (yellow diamonds) during a litter decomposition experiment in the Agua Salud project in Panama. The measurements were taken for each mesocosm ($n = 7$ per block from January until April 2017 and $n = 7$ per block from May until July 2017) every month during 7 months.