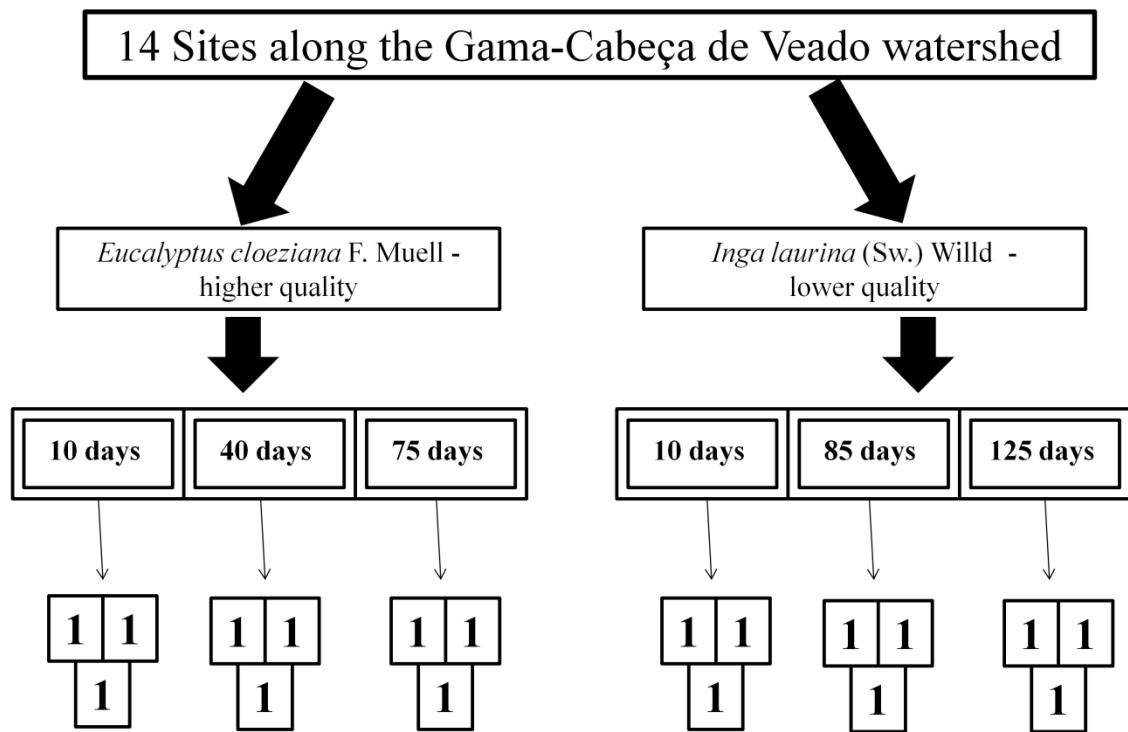


## Supplementary material

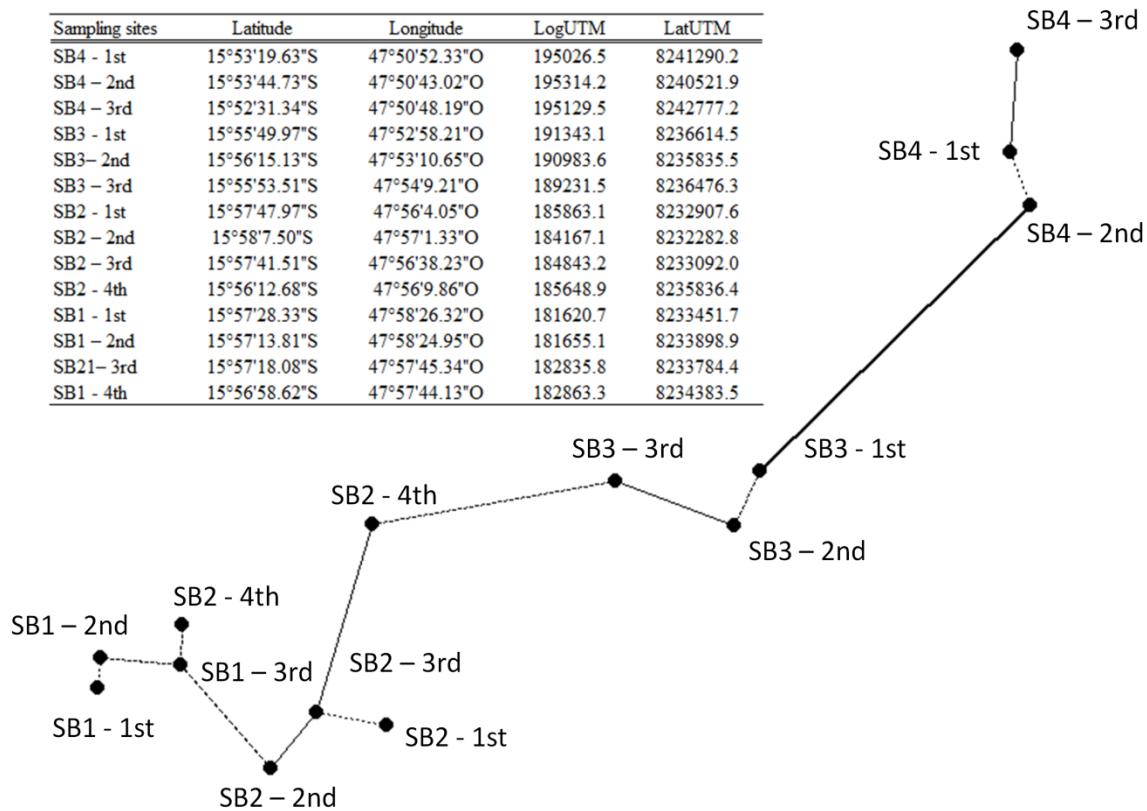


**Figure 1.** Sample design showing the Litter bags replicas (3 sample), in the times (3 sample), senescent leaves (*Eucalyptus cloeziana* and *Inga laurina*) and 14 Sites along the Gama-Cabeça de Veado watershed (total n=252).

**Figura 1.** Diseño del muestreo mostrando las repeticiones de las bolsas de descomposición (3 muestras), en el tiempo (3 muestra), hojas senescentes (*Eucalyptus cloeziana* e *Inga laurina*) y 14 sitios en la cuenca Gama-Cabeça de Veado (total n=252).

**Maximum distance of the minimum spanning tree in bold**

Sampling sites	Latitude	Longitude	LogUTM	LatUTM
SB4 - 1st	15°53'19.63"S	47°50'52.33"O	195026.5	8241290.2
SB4 - 2nd	15°53'44.73"S	47°50'43.02"O	195314.2	8240521.9
SB4 - 3rd	15°52'31.34"S	47°50'48.19"O	195129.5	8242777.2
SB3 - 1st	15°55'49.97"S	47°52'58.21"O	191343.1	8236614.5
SB3 - 2nd	15°56'15.13"S	47°53'10.65"O	190983.6	8235835.5
SB3 - 3rd	15°55'53.51"S	47°54'9.21"O	189231.5	8236476.3
SB2 - 1st	15°57'47.97"S	47°56'4.05"O	185863.1	8232907.6
SB2 - 2nd	15°58'7.50"S	47°57'1.33"O	184167.1	8232282.8
SB2 - 3rd	15°57'41.51"S	47°56'38.23"O	184843.2	8233092.0
SB2 - 4th	15°56'12.68"S	47°56'9.86"O	185648.9	8235836.4
SB1 - 1st	15°57'28.33"S	47°58'26.32"O	181620.7	8233451.7
SB1 - 2nd	15°57'13.81"S	47°58'24.95"O	181655.1	8233898.9
SB21 - 3rd	15°57'18.08"S	47°57'45.34"O	182835.8	8233784.4
SB1 - 4th	15°56'58.62"S	47°57'44.13"O	182863.3	8234383.5



**Figure 2.** Geographical coordinates (latitude and longitude in degrees and UTM) of each sampling site in a principal coordinate of neighbor matrices (PCNM) method.

**Figura 2.** Coordenadas geográficas (latitud y longitud en grados y UTM) de cada sitio en el método PCNM.