

Table S1. Size of the 15 studied gaps and tree characteristics. Height and DBH of edge trees are provided for each gap. Values are the mean of 4 replicates (SE in brackets). For the closed canopy only, the mean is of 60 replicates (4 closed canopy trees x 15 gap sizes).

Gap size (m ²)	Tree height (m)	DBH (cm)
Closed canopy	31.78 (1.07)	60.33 (3.29)
86.05	26.5 (1.94)	56.25 (10.87)
88.6	26.75 (5.71)	31.25 (6.88)
108.8	24.75 (2.36)	67.5 (5.2)
124.5	38 (3.34)	70 (13.39)
126.64	29.25 (6.73)	48.75 (15.99)
135.81	20.25 (5.12)	28.75 (8.51)
137.5	23 (5.28)	28.75 (6.25)
155.62	33.5 (2.72)	56.25 (6.57)
158.25	38.25 (1.65)	63.75 (10.87)
172.3	29.75 (0.75)	72.5 (7.77)
192	28.5 (3.52)	60 (10.41)
196	36.5 (3.59)	90 (12.42)
205.8	34.75 (2.5)	70 (10.61)
318.25	30.5 (1.32)	50 (6.45)
350.7	31.5 (7.75)	66.25 (25.77)

Figure S1. Specific root length (SRL) and mean diameter (rows) in relation to gap size of the 1–2 mm diameter fine root class according to the front and back core position (columns). Each point represents the mean of 4 replicates \pm SE. The closed canopy was conventionally assigned the gap size value of 1 m². The dashed line represents the mean of all 120 edge tree soil cores.

