

S1 Table. Position and main characteristics of the experimental areas.

Site	Location	Altitude (masl)	Site description	Orientation	References
HAF1	N 36° 57' 11.2'', W 03° 26' 21.0''	1778	Natural, mature forest of <i>Quercus pyrenaica</i> Willd. (melojo oak) located at the Highest Altitudinal limit of the Forest	South facing	Cobo-Díaz <i>et al.</i> , 2015
BOF1	N 36° 57' 26'', W 3° 27' 48''	1566	Burned <i>Quercus ilex</i> subsp. ballota (evergreen holm Oak) Forest covered by re-growing oak trees after the wildfire	South facing	Cobo-Díaz <i>et al.</i> , 2015; Fernández-González <i>et al.</i> , 2017
NPF1	N 36° 58' 23.4'', W 03° 24' 36.4''	1887	Pine forest which was thinned out and naturalized by planting <i>Q. pyrenaica</i> plantlets	South facing	This work

masl, meters above the sea level