

Title: Winter soil mycelium dynamics of *Terfezia claveryi* are shaped by rainfall and temperature in Mediterranean shrublands

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Supplementary material

Table S1. Location and sampling summary of the experimental sites.

Site ID	Experimental site	Coordinates		Sampled periods	Total soil samples
		North	West		
W1	Junquera	37° 55' 47.0''	02° 11' 28.6''	16	91
W2	Mayrena	38° 05' 46.8''	01° 54' 27.9''	7	21
W3	Alhagüeces	37° 50' 14.7''	01° 42' 54.3''	13	48
W4	Copa Bullas	38° 04' 18.2''	01° 39' 59.0''	6	21
P1	Zarzadilla	37° 52' 15.5''	01° 42' 10.5''	16	256
P2	Totana	37° 49' 42.7''	01° 38' 35.6''	9	91
P3	Caravaca	38° 05' 10.9''	01° 54' 45.9''	16	96
P4	Espinardo	38° 01' 12.2''	01° 10' 00.6''	10	60
P5	Corvera	37° 50' 54.4''	01° 11' 18.6''	4	24

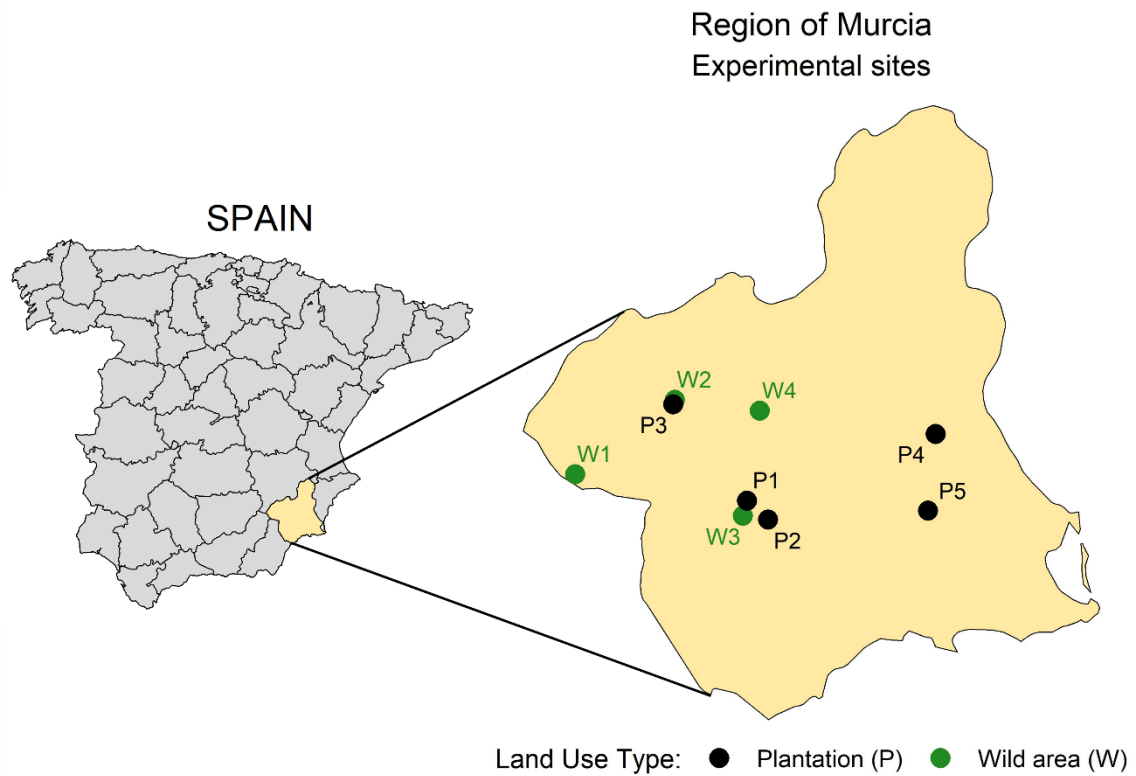


Figure S1. Geographical distribution of the study sites in the Region of Murcia (south-eastern Spain). Wild areas are indicated with green circles and plantations with black circles.

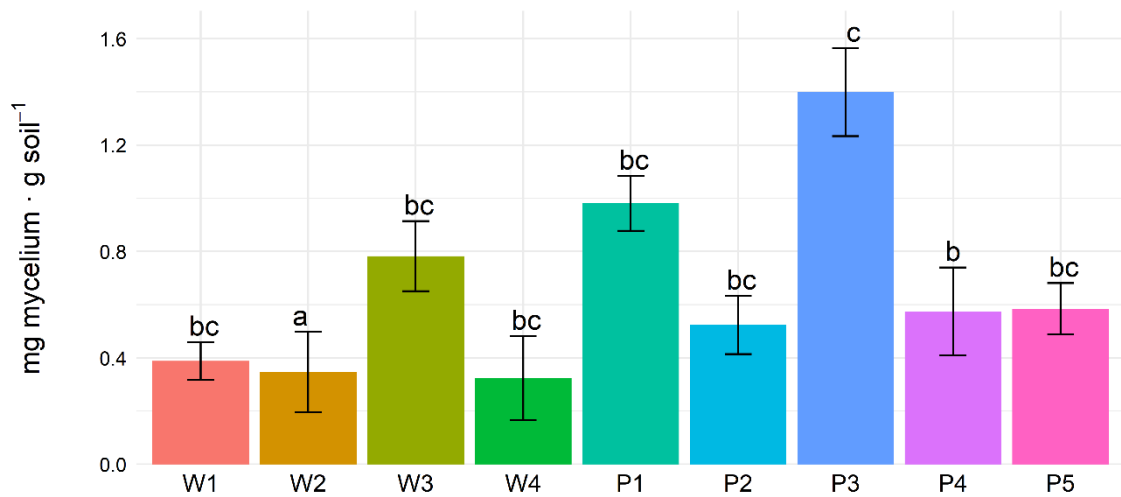


Figure S2. Bar plots representing the mean mycelial abundance of *T. claveryi* (mg mycelium g soil⁻¹) at each experimental site (n=9). Error bars represent standard errors. Significant differences between groups are shown with different letters (p-value < 0.05).

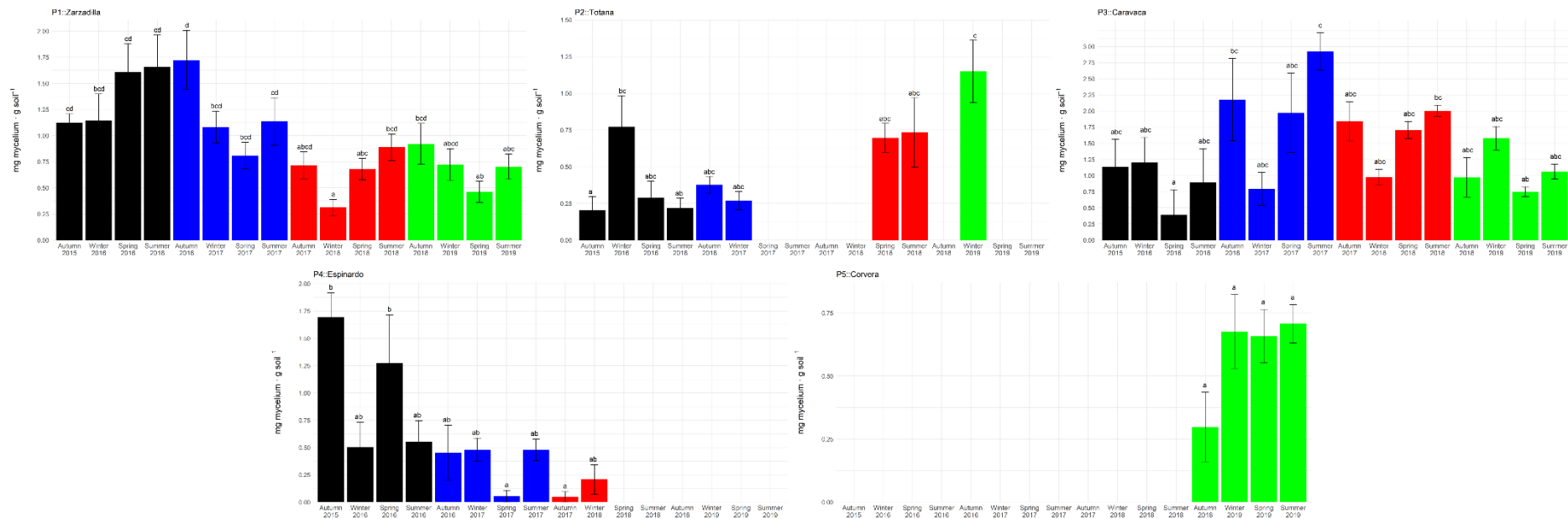


Figure S3. Bar plots representing the mean mycelial abundance in mg mycelium g soil⁻¹ of *T. claveryi* in each plantation area over time. Error bars represent standard errors. Different plantation sites are labelled as: P1 (n=16), P2 (n=9), P3 (n=16), P4 (n=10), and P5 (n=4). Black bars represent year 1, blue bars represent year 2, red bars represent year 3 and green bars represent year 4. Significant differences between sampling periods are shown with different letters (p-value < 0.05).

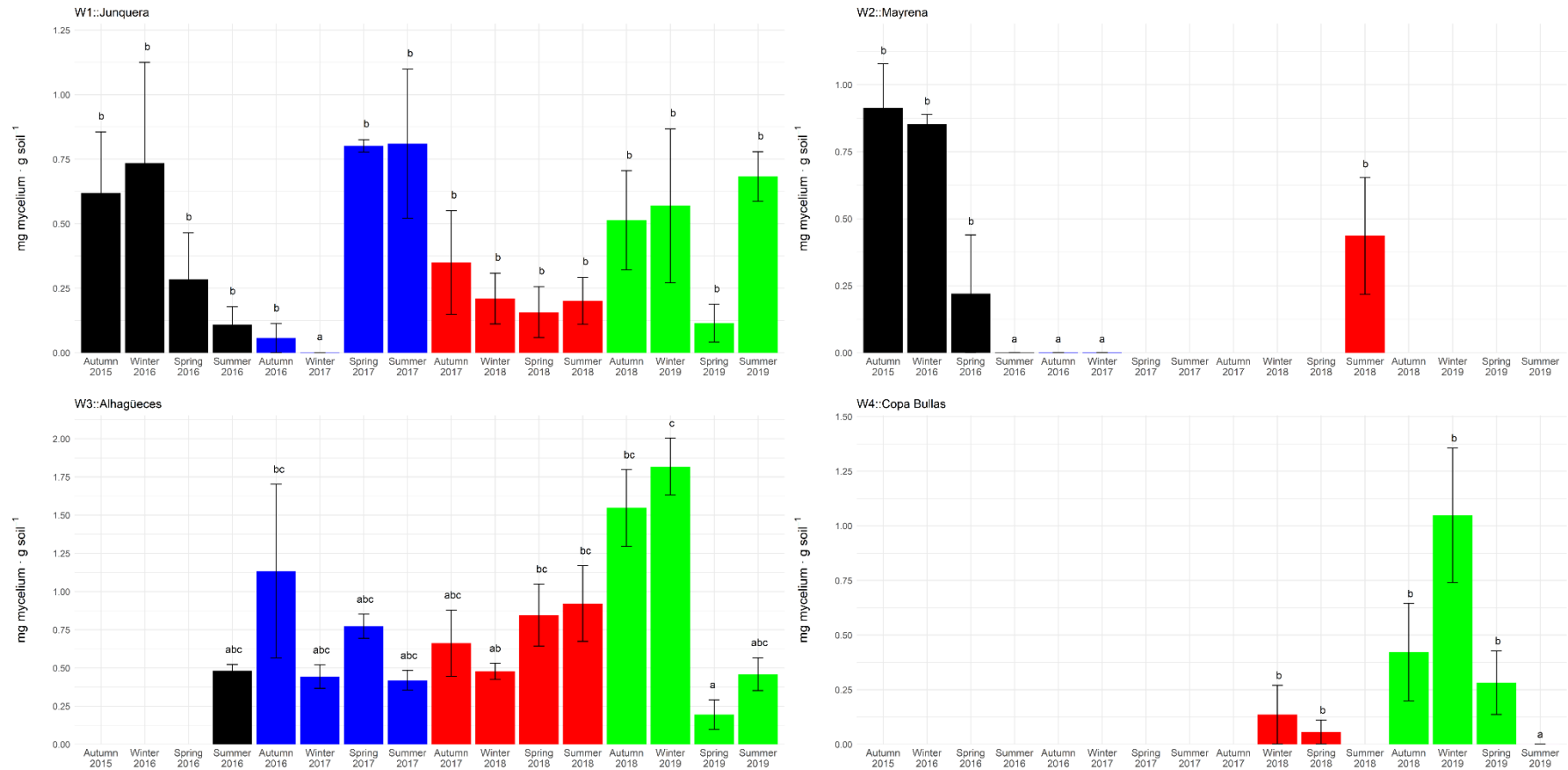


Figure S4. Bar plots representing the mean mycelial abundance in mg mycelium g soil⁻¹ of *T. claveryi* in each wild area over time. Error bars represent standard errors. Different wild sites were labelled as: W1 (n=16), W2 (n=7), W3 (n=13), and W4 (n=6). Black bars represent year 1, blue bars represent year 2, red bars represent year 3 and green bars represent year 4. Significant differences between sampling periods are shown with different letters (p-value < 0.05).