

Effects of Different Media and Their Strengths in In Vitro Culture of Three Different *Cistus creticus* L. Populations and Their Genetic Assessment Using Simple Sequence Repeat Molecular Markers

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Table S1. Effect of the medium type on the studied traits of *C. creticus* explants. Means followed by the same letter do not differ statistically at $p \leq 0.05$ according to the Duncan test.

Growth Percentage (%)		Shoot Percentage (%)		Root Percentage (%)		Number of Shoots		Length of Shoots (cm)		Number of Roots		Length of Roots (cm)	
DKW	103.32 ^a	MS	97.78 ^a	DKW	87.78 ^a	MS	7.00 ^a	MS	0.62 ^a	DKW	4.88 ^a	WPM	1.07 ^a
WPM	93.30 ^b	DKW	96.67 ^a	MS	84.72 ^a	DKW	5.66 ^b	DKW	0.58 ^b	WPM	4.71 ^a	DKW	0.99 ^{ab}
MS	67.52 ^c	WPM	95.28 ^a	WPM	89.72 ^a	WPM	5.56 ^b	WPM	0.55 ^b	MS	3.64 ^b	MS	0.96 ^b

Table S2. Effect of medium and its strength on the average growth, shoot and root percentage (%) of *C. creticus* explants. (Means followed by the same letter do not differ statistically at $p \leq 0.05$ according to the Duncan test.)

Growth Percentage			Shoot Percentage			Root Percentage		
Treatment	N	%	Treatment	N	%	Treatment	N	%
WPM 1X	72	143.49 ^a	WPM 1X	72	100.00 ^a	DKW 1/2X	72	98.61 ^a
DKW 1X	72	118.45 ^b	MS 1X	72	100.00 ^a	WPM 1X	72	98.61 ^a
WPM 1/2X	72	112.66 ^{bc}	MS 1/2X	72	100.00 ^a	MS 1/4X	72	97.22 ^a
DKW 1/2X	72	104.97 ^{bc}	MS 1/4X	72	100.00 ^a	WPM 1/2X	72	97.22 ^a
MS 1X	72	104.75 ^{bcd}	DKW 2X	72	98.61 ^a	DKW 1X	72	95.83 ^a
DKW 1/8X	72	98.39 ^{bcd}	WPM 2X	72	98.61 ^a	WPM 1/8X	72	95.83 ^a
DKW 1/4X	72	98.26 ^{bcd}	WPM 1/2X	72	98.61 ^a	WPM 1/4X	72	94.44 ^a
DKW 2X	72	96.55 ^{cd}	DKW 1/4X	72	97.22 ^a	MS 1X	72	94.44 ^a
WPM 1/4X	72	87.97 ^{de}	DKW 1/2X	72	97.22 ^a	MS 1/8X	72	94.44 ^a
MS 2X	72	76.46 ^{ef}	DKW 1/8X	72	95.83 ^{ab}	DKW 1/4X	72	91.67 ^{ab}
WPM 2X	72	68.80 ^{fg}	MS 2X	72	94.44 ^{abc}	DKW 1/8X	72	81.94 ^{bc}
MS 1/2X	72	58.49 ^{fgh}	MS 1/8X	72	94.44 ^{abc}	MS 1/2X	72	73.61 ^{cd}
WPM 1/8X	72	53.59 ^{gh}	DKW 1X	72	94.44 ^{abc}	DKW 2X	72	70.83 ^{de}
MS 1/4X	72	50.03 ^{gh}	WPM 1/8X	72	90.28 ^{bc}	MS 2X	72	63.89 ^{de}
MS 1/8X	72	47.85 ^h	WPM 1/4X	72	88.89 ^c	WPM 2X	72	62.50 ^e

MS: Murashige and Skoog medium, WPM: wood plant medium, DKW: Driver and Kuniyaki Walnut medium

Table S3. Effect of medium and its strength on the average number of shoots and length per *C. creticus* explants. (Means followed by the same letter do not differ statistically at $p \leq 0.05$ according to the Duncan test.)

Treatment	N	Number of Shoots	Treatment	N	Length of Shoots (cm)
MS 1X	72	9.39 ^a	MS 1/2X	72	0.78 ^a
MS 2X	72	7.40 ^b	MS 1X	72	0.77 ^a
MS 1/2X	72	7.31 ^b	WPM 1X	72	0.63 ^b
WPM 1X	72	7.03 ^b	WPM 1/2X	72	0.62 ^b
MS 1/4X	72	6.67 ^{bc}	DKW 1/8X	72	0.59 ^{bc}
DKW 1X	72	5.96 ^{cd}	DKW 1X	72	0.59 ^{bc}
DKW 2X	72	5.89 ^{cd}	DKW 2X	72	0.58 ^{bc}
DKW 1/8X	72	5.58 ^{de}	MS 2X	72	0.56 ^{bc}
DKW 1/2X	72	5.49 ^{de}	DKW 1/4X	72	0.56 ^{bc}
WPM 2X	72	5.47 ^{de}	DKW 1/2X	72	0.55 ^{bc}
DKW 1/4X	72	5.40 ^{de}	WPM 2X	72	0.53 ^{bc}
WPM 1/4X	72	5.36 ^{de}	MS 1/8X	72	0.52 ^{bc}
WPM 1/2X	72	5.21 ^{de}	WPM 1/8X	72	0.49 ^c
WPM 1/8X	72	4.72 ^{ef}	WPM 1/4X	72	0.49 ^c
MS 1/8X	72	4.24 ^f	MS 1/4X	72	0.49 ^c

MS: Murashige and Skoog medium, WPM: wood plant medium, DKW: Driver and Kuniyaki Walnut medium

Table S4. Effect of medium and its strength on the average number of roots and length per *C. creticus* explants. (Means followed by the same letter do not differ statistically at $p \leq 0.05$ according to the Duncan test.)

Treatment	N	Number of Roots	Treatment	N	Length of Roots (cm)
WPM 1/2X	72	6.49 ^a	WPM 1/8X	72	1.55 ^a
DKW 1/2X	72	5.74 ^{ab}	MS 1/4X	72	1.52 ^a
WPM 1X	72	5.64 ^{abc}	WPM 1/4X	72	1.42 ^{ab}
DKW 1X	72	5.43 ^{bcd}	DKW 1X	72	1.27 ^{bc}
MS 1/8X	72	5.25 ^{bcd}	MS 1/8X	72	1.26 ^{bc}
MS 1X	72	4.92 ^{bcde}	DKW 1/4X	72	1.17 ^{cd}
DKW 1/4X	72	4.78 ^{cde}	WPM 1/2X	72	1.15 ^{cd}
DKW 1/8X	72	4.64 ^{def}	MS 1X	72	1.03 ^{de}
WPM 1/4X	72	4.31 ^{ef}	DKW 1/2X	72	1.03 ^{de}
WPM 1/8X	72	4.29 ^{ef}	DKW 1/8X	72	0.95 ^{ef}
DKW 2X	72	3.79 ^{fg}	WPM 1X	72	0.86 ^{ef}
MS 1/4X	72	3.33 ^{gh}	MS 1/2X	72	0.79 ^f
WPM 2X	72	2.81 ^{hi}	DKW 2X	71	0.52 ^g
MS 1/2X	72	2.61 ^{hi}	WPM 2X	72	0.35 ^h
MS 2X	72	2.08 ⁱ	MS 2X	72	0.22 ^h

MS: Murashige and Skoog medium, WPM: wood plant medium, DKW: Driver and Kuniyaki Walnut medium

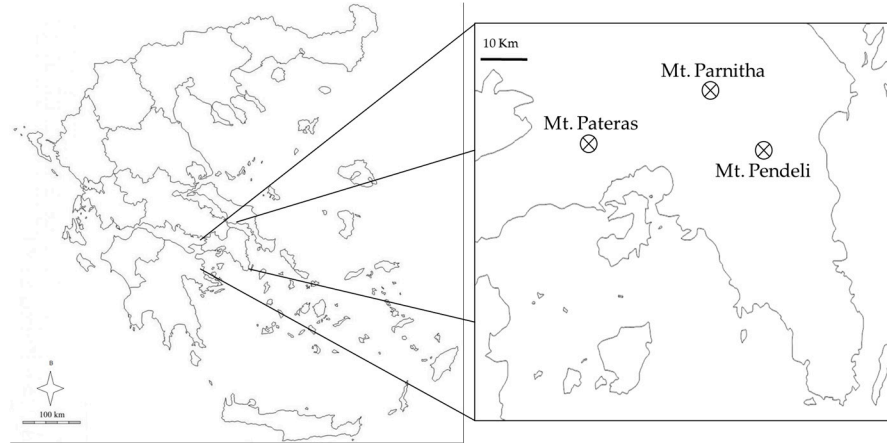


Figure S1. The sampling sites of the *C. creticus* L. populations in Attica (Greece).

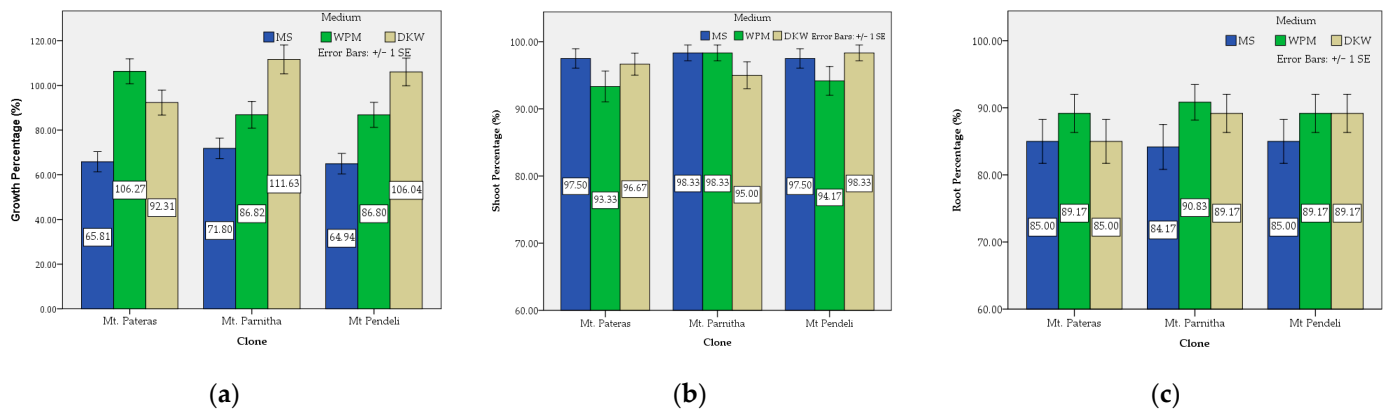


Figure S2. Effect of the medium on the mean shoot growth percentage (%) (a), on the mean shoot percentage (%) (b) and on the mean root percentage (%) (c) in relation to clone origin of *C. creticus* L. explants.

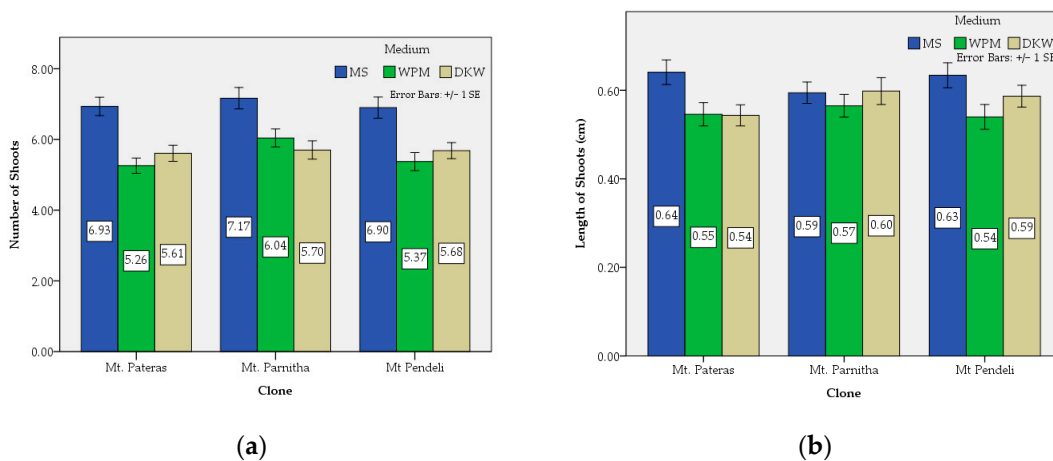
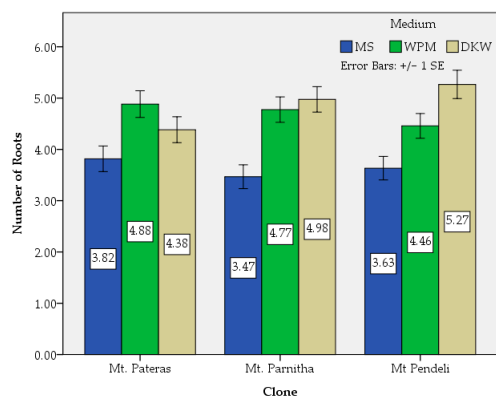
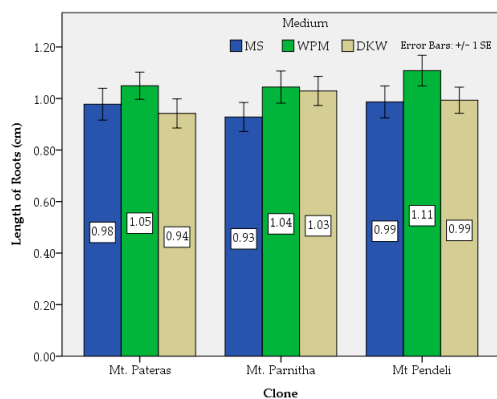


Figure S3. Effect of the medium on the mean shoot number (a) and mean shoot length (b) in relation to clone origin of *C. creticus* L. explants.



(a)



(b)

Figure S4. Effect of the medium on the mean root number (a) and mean root length (b) in relation to clone origin of *C. creticus* L. explants.