

Supplementary Material

Table S1: Literature values of the main compounds and observed values of ¹H-NMR in the essential oils of *Thymus holosericeus* from three Ionian Islands, Greece (TH-Z: Zakynthos; TH-C: Cephalonia, TH-L: Lefkada)

	Literature values (δ)					
	Linalool [48]		Carvacrol [49]		Geraniol [50]	
	H	C	H	C	H	C
1	5.33 d (2H)	120.17	-	153.6	4.154 d (J=6.9Hz) 1H	59.5
2	5.91 t 1H	145.25	-	126.9	5.41 m 1H	123.4
3	-	75.68	7.08 d (J=5Hz)	130.9	-	139.9
4	1.37 2H	43.87	6.78 d (J=5Hz)	118.8	o.s. 1.98-2.16	26.5
5	2.01q 2H	22.52	-	148.5	o.s. 1.98-2.16	39.6
6	5.19 t 1H	108.65	6.70 s 1H	113.0	5.09 m 1H	131.9
7	-	131.96	2.26 s 3H	15.4	-	124.0
8	1.63 3H	17.53	2.86 m 3H	33.7	1.68 s 3H	25.8
9	1.76 3H	24.95	1.26 d (J=5Hz)	24.1	1.60 s 3H	16.4
10	0.90 3H	29.8	1.26 d (J=5Hz)	24.1	1.68 s 3H	17.8

Observed values (δ)					
TH-Z		TH-C		TH-L	
		7.08 d (J=5Hz)	130.9		
		6.78 d (J=5Hz)	118.8		
		6.70 s 1H	113.0		
5.91 t 1H	145.3	5.91 t 1H	145.3	5.91 t 1H	145.2
		5.41 m 1H	123.4	5.41 m 1H	123.4
5.33 d 2H	120.2	5.33 d (2H)	120.1	5.33 d 2H	120.2
5.19 t 1H	108.8	5.19 t 1H	108.6	5.19 t 1H	108.7
		5.10 m 1H	131.9	5.10 m 1H	131.9
		4.14 d (J=6.9Hz) 1H	59.3	4.14 d (J=6.9Hz) 1H	59.3
		2.86 m 3H	33.7		
		2.26 s 3H	15.4		
		o.s. 1.98-2.16 4H	39.8	o.s. 1.98-2.16 4H	39.7
			25.4		25.3
2.01q 2H	22.4	2.01q 2H	22.6	2.01q 2H	22.5
1.76 3H	24.8	1.76 3H	24.9	1.76 3H	25.0
		1.68 s 6H	25.7	1.68 s 6H	25.9
			17.9		18.0
1.63 s 3H	17.4	1.63 3H	17.5	1.63 3H	17.5
		1.60 s 3H	16.4	1.60 s 3H	16.3
1.37 2H	44.0	1.37 2H	43.9	1.37 2H	43.8
		1.26 d (J=5Hz) 6H	24.1		
0.91 s 3H	29.7	0.90 3H	30.0	0.90 3H	29.8

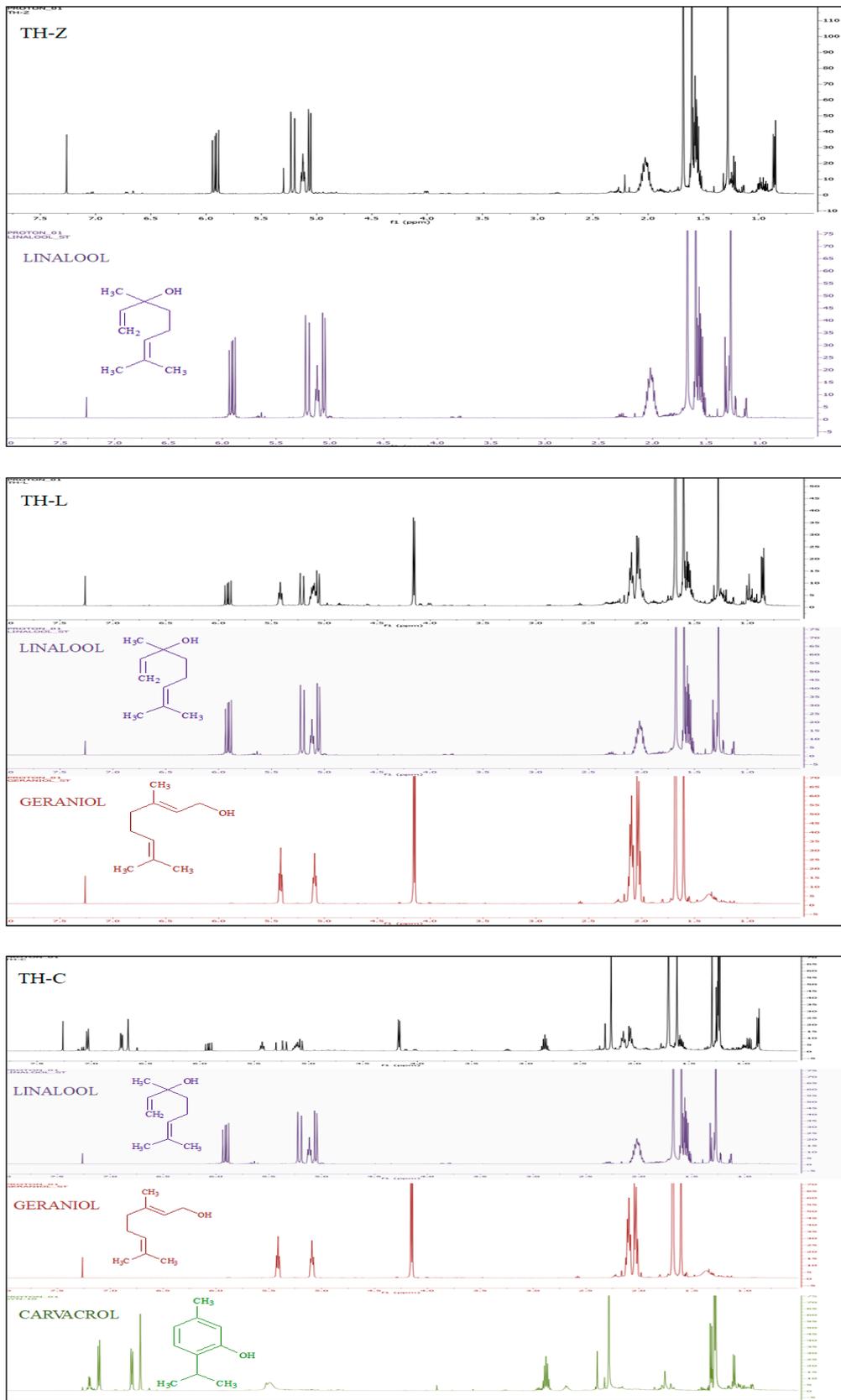


Figure S1: $^1\text{H-NMR}$ from the analysis of the essential oils of *T. holosericeus* from three Ionian Islands, Greece (TH-Z: Zakynthos; TH-L: Lefkada; TH-C: Cephalonia) compared to the $^1\text{H-NMR}$ of the standard of their main compounds.

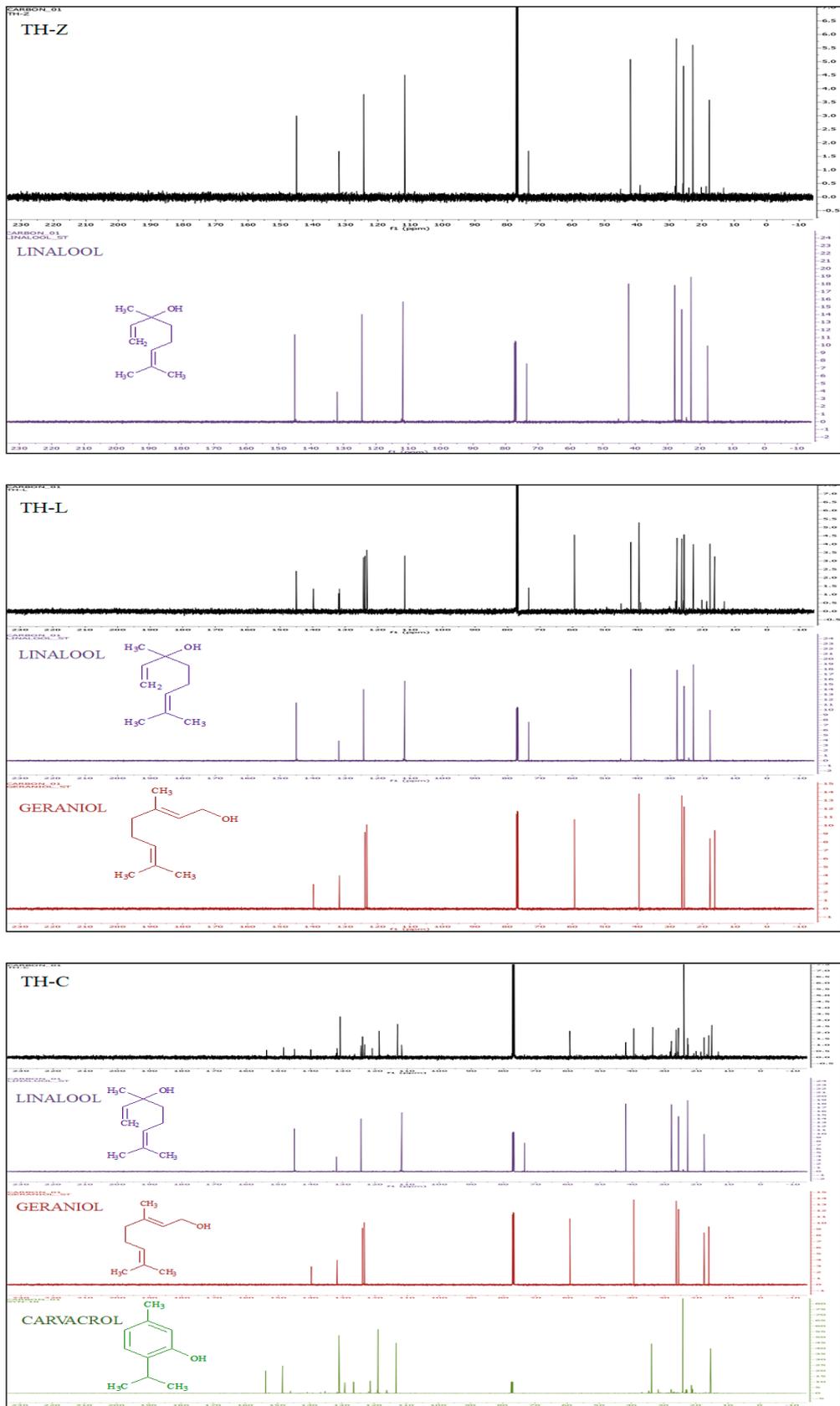


Figure S2: ^{13}C -NMR from the analysis of the essential oils of *T. holosericeus* from three Ionian Islands, Greece (TH-Z: Zakynthos; TH-L: Lefkada; TH-C: Cephalonia) compared to the ^{13}C -NMR of the standard of their main compounds.

References

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