

Supplementary Table 1. Distribution of alleles of nine EST-SSR markers across the trial sample set of 70 individuals belonging to 14 populations of the genus *Centaureum*. Values represent individuals which have corresponding alleles per total number of individuals in each population.

Lokus	Alleles / Populations	<i>S. spicatum</i> Tivat	<i>C. maritimum</i>	<i>C. pulchellum</i> Nikšić	<i>C. pulchellum</i> Palić	<i>C. tenuiflorum</i> Žanjice	<i>C. tenuiflorum</i> Sutorina	<i>C. erythraea</i> Ulcinj	<i>C. erythraea</i> Beočin	<i>C. erythraea</i> Bački Vinogradi	<i>C. pannonicum</i> Majdan	<i>C. pannonicum</i> Palić	<i>C. l. compressum</i> Majdan	<i>C. l. compressum</i> Palić	<i>C. l. littorale</i> Nant
M4	Allele 154						2/6			4/5					
	Allele 160	3/5	5/5	3/3	3/5								5/5	5/5	5/5
	Allele 166							6/6	3/5	2/5					
	Allele 172										2/4	5/5			
	Allele 178							6/6	3/5	2/5					
Allele 184										2/4	2/5				
M5	Allele 106		5/5												
	Allele 109	3/5		3/3	5/5	6/6	6/6	6/6	4/5	3/5	5/4	5/5			5/5
	Allele 112								1/5	2/5					
	Allele 115												5/5	5/5	5/5
	Allele 133										3/4	5/5			
Allele 139										3/4	5/5				
M7	Allele 95							6/6	5/5	5/5	3/4	5/5	5/5	5/5	
	Allele 100	5/5									3/4	5/5	5/5	5/5	5/5
	Allele 105	5/5						6/6	5/5	5/5	5/4	5/5			5/5
M8	Allele 113			3/3	4/5										
	Allele 116				1/5	6/6	6/6	6/6	3/5	5/5					
	Allele 119	5/5	5/5												
	Allele 122								2/5		3/4	5/5			
	Allele 125										4/4	5/5	5/5	5/5	5/5
M10	Allele 155								3/5	1/5	1/4				
	Allele 161											5/5			
	Allele 179			3/3	5/5				5/5	5/5	2/4				
	Allele 185	5/5						6/6			3/4	5/5	5/5	5/5	5/5
	Allele 188		5/5	3/3	5/5	6/6	6/6								
	Allele 194	5/5								2/5					
	Allele 197								5/5						
	Allele 200										2/4	4/5	5/5	3/5	
	Allele 203							6/6							
	Allele 206									2/5	1/4				
	Allele 215								5/5						
Allele 218							6/6		1/5	3/4					
Allele 224	3/5								2/5		4/5	5/5	5/5	5/5	
Allele 227									2/5		4/5				
M12	Allele 250										2/4		5/5	5/5	
	Allele 256	3/5	5/5	2/3	3/5	4/6	5/6	6/6	5/5	5/5	5/4	5/5	5/5	5/5	5/5
	Allele 268									1/5	4/4	5/5			
	Allele 271							6/6	5/5						
	Allele 274											5/5			
	Allele 277										2/4				
	Allele 283				5/5										
Allele 292														5/5	
M13	Allele 145			3/3	5/5										
	Allele 148		5/5												
	Allele 151			3/3	5/5	6/6	6/6								
	Allele 154							6/6	5/5	5/5	5/4	5/5	5/5	5/5	5/5

	Allele 160	3/5										4/5	3/5	5/5	
	Allele 163	2/5													
	Allele 172							1/5	2/5	2/4	5/5	4/5	3/5	5/5	
<i>M17</i>	Allele 75	5/5	5/5				6/6	5/5	5/5	5/4	5/5	5/5	5/5	5/5	
	Allele 170							1/5	1/5	4/4	5/5				
<i>M18</i>	Allele 175				3/5			5/6	1/5	1/5	1/4		5/5	4/5	4/5
	Allele 178	3/5				5/6	6/6	6/6	4/5	5/5	3/4	5/5			
	Allele 181			3/3	4/5					1/5	1/4	5/5	5/5	4/5	4/5
<b>No. of individuals per population</b>		5	5	3	5	6	6	6	5	5	4	5	5	5	5
<b>No. of different alleles per population</b>		13	7	9	12	6	7	15	20	24	27	24	16	5	5
<b>The average number of alleles per population</b>		1.444	0.777	1	1.333	0.666	0.777	1.666	2.222	2.666	3	2.666	1.777	1.777	1.777