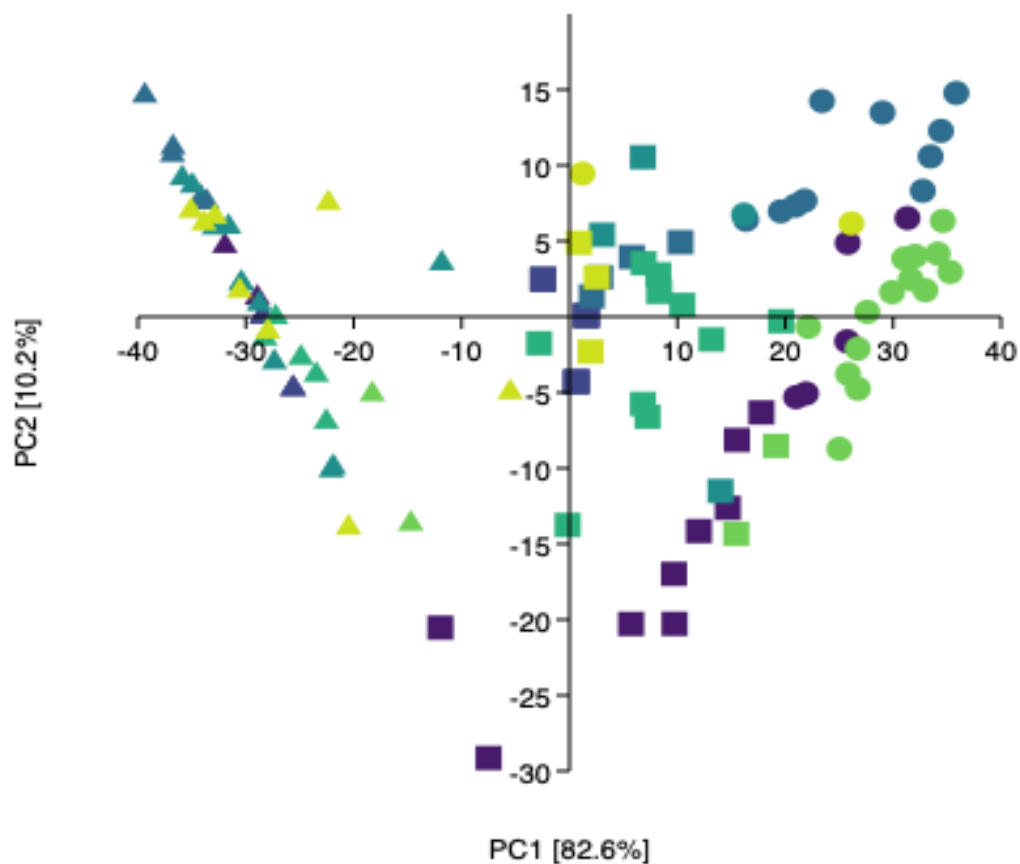


Supplemental Table S1. Chemical composition of leaf essential oil of analysed *Juniperus sabina* var. *balkanensis* from the Balkans

#	Compound	LRI	Velebit n=16	Biokovo n=5	Prokletije n=19	Korab n=15	Bistra n=15	Resava n=18	Balkan n=13
1	Tricyclene	919	0.1 ± 0.2	0.4 ± 0.4	tr	tr	-	-	-
2	α-Thujene	922	0.3 ± 0.3	1.0 ± 0.3	0.5 ± 0.3	0.7 ± 0.2	0.8 ± 0.3	0.4 ± 0.7	0.7 ± 0.3
3	α-Pinene	929	1.0 ± 0.7	2.9 ± 0.3	1.7 ± 0.6	2.1 ± 1.1	2.3 ± 0.5	1.2 ± 0.6	1.9 ± 0.8
4	Camphene	944	tr	0.3 ± 0.3	tr	tr	-	-	-
5	Sabinene	969	7.8 ± 12.6	23.5 ± 9.8	21.3 ± 17.9	31.7 ± 13.1	18.6 ± 10.3	4.3 ± 6.9	29.4 ± 13.2
6	β-Pinene	973	tr	0.3 ± 0.0	0.2 ± 0.1	0.2 ± 0.1	0.2 ± 0.1	0.2 ± 0.2	0.2 ± 0.1
7	Myrcene	989	1.1 ± 1.4	3.3 ± 0.5	2.5 ± 0.7	2.7 ± 0.7	2.6 ± 0.5	0.2 ± 0.2	2.6 ± 0.6
8	δ-2-Carene	999	-	tr	-	-	-	-	-
9	δ-3-Carene	1009	0.1 ± 0.2	0.2 ± 0.4	-	-	-	-	-
10	α-Terpinene	1015	0.2 ± 0.1	1 ± 0.4	0.3 ± 0.2	0.4 ± 0.2	1.1 ± 0.5	0.1 ± 0.2	0.4 ± 0.2
11	p-Cymene	1023	tr	0.7 ± 0.4	-	tr	0.4 ± 0.1	0.1 ± 0.2	tr
12	Limonene	1026	0.8 ± 1.0	2.9 ± 1.3	1.1 ± 0.5	1.4 ± 0.9	1.6 ± 0.6	0.3 ± 0.3	1.0 ± 0.6
13	1,8-Cineole	1030	-	tr	tr	0.2 ± 0.4	0.2 ± 0.3	0.1 ± 0.2	0.5 ± 0.8
14	(E)-β-Ocimene	1046	tr	-	tr	tr	-	-	0.3 ± 0.2
15	γ-Terpinene	1058	0.3 ± 0.2	1.6 ± 0.7	0.5 ± 0.4	0.7 ± 0.3	1.9 ± 0.9	0.1 ± 0.2	0.7 ± 0.3
16	cis-Sabinene hydrate	1066	0.2 ± 0.1	0.7 ± 0.2	0.3 ± 0.1	0.3 ± 0.1	0.7 ± 0.3	0.2 ± 0.4	0.4 ± 0.1
17	2-Nonanone	1090	0.1 ± 0.2	-	-	-	-	-	-
18	Terpinolene	1090	0.1 ± 0.2	0.7 ± 0.1	0.5 ± 0.2	0.5 ± 0.2	0.7 ± 0.2	-	0.5 ± 0.2
19	trans-Sabinene hydrate	1100	0.1 ± 0.2	0.6 ± 0.3	0.2 ± 0.1	tr	0.5 ± 0.3	0.3 ± 0.4	0.2 ± 0.1
20	Linalool	1102	0.5 ± 0.4	0.8 ± 0.3	0.5 ± 0.3	0.2 ± 0.2	0.4 ± 0.4	0.1 ± 0.2	0.4 ± 0.3
21	cis-Thujone	1107	0.6 ± 0.7	0.2 ± 0.2	1.9 ± 2	0.1 ± 0.3	0.6 ± 0.5	0.6 ± 0.4	0.2 ± 0.3
22	trans-Thujone	1117	0.6 ± 0.5	1.8 ± 1.6	0.7 ± 0.7	0.5 ± 0.8	0.8 ± 0.6	0.6 ± 0.4	0.5 ± 0.8
23	trans-p-Mentha-2,8-dien-1-ol	1122	-	0.3 ± 0.1	0.2 ± 0.4	tr	0.3 ± 0.1	tr	0.2 ± 0.4
24	iso-3-Thujanol	1134	tr	tr	-	-	-	0.1 ± 0.2	tr
25	trans-Sabinol	1142	3.3 ± 3.1	1.3 ± 0.9	0.5 ± 0.4	tr	3.3 ± 2	6.5 ± 3.0	0.2 ± 0.2
26	Camphore	1144	-	tr	-	-	-	-	-
27	Citronellal	1152	-	tr	0.2 ± 0.1	-	-	-	tr
28	Borneol	1164	0.2 ± 0.3	0.2 ± 0.2	tr	0.1 ± 0.4	-	-	-
29	Terpinen-4-ol	1175	0.9 ± 0.4	5.4 ± 2.5	1.6 ± 1	1.4 ± 0.7	7.3 ± 2.9	1.0 ± 1.2	1.6 ± 0.6
30	α-Terpineol	1189	-	0.2 ± 0.1	tr	-	0.2 ± 0.1	-	tr
31	cis-Piperitol	1194	-	tr	-	-	tr	-	-
32	trans-Piperitol	1206	-	tr	-	-	tr	-	-
33	Coahuilensol, methyl ether	1222	-	-	-	-	-	-	tr
34	Citronellol	1227	0.4 ± 0.5	0.6 ± 0.8	0.8 ± 0.7	1.4 ± 0.7	1.0 ± 0.7	tr	0.6 ± 0.5
35	trans-Sabinene hydrate acetate	1250	tr	-	tr	tr	-	-	tr
36	Linalool acetate	1253	tr	tr	0.3 ± 0.2	tr	tr	tr	0.2 ± 0.2
37	Methyl citronellate	1258	0.8 ± 0.7	1.0 ± 0.9	3.4 ± 1.4	3.2 ± 1.2	3.0 ± 1.3	0.5 ± 0.8	1.6 ± 1.0
38	Bornyl acetate	1283	1.9 ± 3	6.1 ± 5.5	1.5 ± 3.4	1.1 ± 2.6	tr	tr	-
39	trans-Linalool oxide acetate (pyranoid)	1286	-	tr	-	-	-	-	-
40	2-Undecanone	1292	0.1 ± 0.2	0.8 ± 1.1	-	0.1 ± 0.3	-	-	-
41	trans-Sabinyl acetate	1296	23.7 ± 16.9	12.5 ± 11.4	31.9 ± 21.5	9.9 ± 14.5	18.1 ± 13.7	39.7 ± 14.5	13.7 ± 15.2
42	Methyl geranate	1323	0.2 ± 0.4	0.2 ± 0.3	0.4 ± 0.5	0.2 ± 0.2	0.4 ± 0.4	-	tr
43	α-Copaene	1373	tr	-	-	0.1 ± 0.2	0.2 ± 0.1	tr	tr
44	β-Cubebene	1388	tr	-	-	-	-	-	-
45	β-Elemene	1390	tr	-	-	tr	-	tr	-
46	(Z,E)-2,4-Decadienoic acid, methyl ester	1395	0.1 ± 0.2	tr	-	0.1 ± 0.2	0.2 ± 0.2	tr	0.2 ± 0.2
47	Sibirene	1400	-	tr	-	-	-	-	tr
48	Methyl eugenol	1404	0.8 ± 1.4	-	-	-	0.2 ± 0.8	1.3 ± 1.8	0.4 ± 1.1
49	(E)-Caryophyllene	1417	0.3 ± 0.1	0.3 ± 0.1	0.2 ± 0.1	0.4 ± 0.2	0.3 ± 0.1	0.4 ± 0.4	0.3 ± 0.1
50	cis-Murola-3,5-diene	1446	-	tr	-	-	-	-	-
51	trans-Murola-3,5-diene	1449	0.1 ± 0.2	-	-	0.1 ± 0.2	0.2 ± 0.2	-	-
52	α-Humulene	1452	0.2 ± 0.1	tr	tr	0.3 ± 0.2	0.2 ± 0.1	tr	tr
53	cis-Murola-4(14),5-diene	1461	-	0.1 ± 0.2	-	tr	tr	-	-
54	trans-Cadina-1(6),4-diene	1472	0.2 ± 0.3	-	-	0.2 ± 0.4	0.4 ± 0.3	-	tr
55	γ-Murolene	1475	tr	tr	tr	0.1 ± 0.3	tr	tr	tr
56	Germacrene D	1480	1.3 ± 1.0	0.8 ± 0.2	1.1 ± 0.4	0.6 ± 0.7	0.7 ± 0.4	0.3 ± 0.2	0.9 ± 0.5
57	ar-Curcumene	1484	tr	-	-	0.5 ± 0.6	-	tr	0.3 ± 0.7
58	trans-Murola-4(14),5-diene	1491	0.3 ± 0.5	-	-	0.3 ± 0.5	0.6 ± 0.5	-	-
59	epi-Cubebol	1493	0.3 ± 0.2	tr	tr	tr	-	tr	tr
60	cis-Cadina-1,4-diene	1494	-	0.2 ± 0.1	-	0.2 ± 0.2	0.4 ± 0.2	-	tr
61	Bicyclgermacrene	1496	-	-	-	-	-	-	tr
62	Epizonarene	1499	-	tr	-	-	tr	-	-
63	α-Murolene	1499	0.3 ± 0.1	0.4 ± 0.1	0.4 ± 0.1	0.4 ± 0.1	0.4 ± 0.1	0.2 ± 0.1	0.4 ± 0.1
64	Germacrene A	1504	-	tr	tr	tr	tr	-	tr
65	(E,E)-α-Farnesene	1511	0.2 ± 0.2	-	-	-	-	-	-
66	γ-Cadinene	1514	1.3 ± 1.6	0.8 ± 0.2	0.4 ± 0.1	1.1 ± 1.4	1.4 ± 0.7	0.6 ± 0.3	0.4 ± 0.1
67	δ-Cadinene	1524	2.4 ± 0.9	2.1 ± 0.4	2.7 ± 0.7	2.5 ± 0.8	2.0 ± 0.3	1.5 ± 0.8	2.4 ± 0.8
68	Zonarene	1525	0.2 ± 0.3	tr	-	0.2 ± 0.4	0.4 ± 0.4	-	-
69	trans-Cadina-1,4-diene	1531	tr	-	tr	tr	tr	tr	-
70	α-Cadinene	1537	tr	tr	tr	tr	tr	tr	tr
71	Elemol	1549	0.7 ± 0.7	0.3 ± 0.4	0.3 ± 0.3	0.3 ± 0.2	0.6 ± 0.4	2.8 ± 1.5	0.5 ± 0.5
72	Germacrene B	1556	0.8 ± 0.7	0.5 ± 0.3	0.7 ± 0.7	0.6 ± 0.5	0.5 ± 0.5	0.2 ± 0.6	1.2 ± 1.0
73	Elemicin	1558	0.5 ± 1.2	-	-	-	-	3.9 ± 2.2	0.4 ± 1.4
74	Germacrene D-4-ol	1577	4.9 ± 2.9	3.8 ± 1.0	6.3 ± 2.1	5.8 ± 2.0	1.8 ± 1.1	2.7 ± 1.5	6.9 ± 2.2
75	Caryophyllene oxide	1582	0.2 ± 0.1	tr	tr	0.6 ± 0.9	0.5 ± 0.4	0.3 ± 0.5	tr
76	Cedrol	1600	-	-	-	-	-	tr	-
77	β-Oplophenone	1608	0.9 ± 0.4	1 ± 0.2	0.5 ± 0.2	1.2 ± 0.4	0.8 ± 0.4	1.1 ± 0.5	0.8 ± 0.3
78	1,10-di-epi-Cubenol	1615	-	-	tr	tr	tr	-	-
79	10-epi-γ-Eudesmol	1620	-	-	tr	-	tr	tr	-
80	1-epi-Cubenol	1628	0.8 ± 0.9	0.3 ± 0.1	0.2 ± 0.1	0.6 ± 0.7	1.0 ± 0.7	0.2 ± 0.1	0.2 ± 0.1
81	γ-Eudesmol	1631	tr	0.1 ± 0.2	0.2 ± 0.6	-	0.3 ± 0.2	0.2 ± 0.1	tr
82	τ-Murolol	1641	1.5 ± 0.5	1.9 ± 0.4	1.7 ± 0.6	1.5 ± 0.5	1.8 ± 0.6	0.9 ± 0.4	1.7 ± 0.5
83	α-Murolol (ε-torreyol)	1645	0.3 ± 0.1	0.4 ± 0.1	0.3 ± 0.1	0.3 ± 0.1	0.4 ± 0.1	0.2 ± 0.1	0.3 ± 0.1
84	β-Eudesmol	1649	tr	0.1 ± 0.3	tr	-	0.4 ± 0.3	0.4 ± 0.2	tr
85	α-Cadinol	1655	2.9 ± 1.1	3.4 ± 0.5	3.9 ± 1.1	3.3 ± 1.0	2.9 ± 1.1	2.1 ± 0.7	3.6 ± 1.0
86	Bulnesol	1672	-	tr	tr	tr	tr	tr	tr
87	Germacrene-4(15),5,10(14)-trien-1-α-ol	1685	tr	tr	-	tr	-	-	0.3 ± 0.4
88	Shyobunol	1690	0.4 ± 0.2	0.2 ± 0.2	0.2 ± 0.1	0.2 ± 0.2	0.2 ± 0.5	0.3 ± 0.1	0.5 ± 0.2
89	Amorpha-4,9-dien-2-ol	1703	tr	-	-	-	-	tr	-
90	14-hydroxy-α-Humulene	1717	tr	-	-	-	-	tr	tr
91	(2Z,6E)-Farnesol	1725	-	0.1 ± 0.2	0 ± 0.2	tr	-	-	-
92	Oplopanone	1738	0.2 ± 0.1	tr	tr	tr	-	0.2 ± 0.1	tr

93	(2 <i>E</i> ,6 <i>E</i> )-Farnesol	1744	-	tr	tr	tr	-	-	-
94	<i>ent</i> -Rosa-1,5-diene	2010	0.2 ± 0	tr	tr	tr	tr	tr	0.2 ± 0.1
95	Abieta-8,12-diene	2015	tr	tr	-	tr	tr	tr	0.2 ± 0.1
96	Abietatriene	2046	0.2 ± 0.1	tr	tr	tr	0.2 ± 0.5	tr	tr
97	Abietadiene	2067	1.5 ± 0.5	1.0 ± 0.6	0.5 ± 0.3	1.4 ± 0.9	1.2 ± 0.7	1.2 ± 0.3	2.3 ± 1.5
98	Abieta-8(14),13(15)-diene	2134	tr	tr	-	tr	tr	tr	0.2 ± 0.2
99	Sandracopimarinal	2180	0.5 ± 0.3	0.2 ± 0.1	tr	0.2 ± 0.1	tr	0.4 ± 0.3	0.2 ± 0.1
100	13- $\beta$ -methyl-13-vinyl-Podocarp-7-en-3-one	2186	0.8 ± 0.6	0.4 ± 0.2	tr	0.3 ± 0.2	0.3 ± 0.1	0.2 ± 0.2	0.4 ± 0.2
101	Unknown DO #1 (81, 91, 105, 119, 135)	2220	0.5 ± 0.4	tr	tr	tr	0.2 ± 0.2	0.4 ± 0.2	0.2 ± 0.2
102	Unknown DO #2 (286, 253, 271, 91)	2227	1.1 ± 0.6	0.4 ± 0.2	0.2 ± 0.1	0.7 ± 0.5	0.4 ± 0.2	0.6 ± 0.3	0.7 ± 0.4
103	Unknown DO #3 (91, 133, 105, 286)	2233	0.5 ± 0.3	0.2 ± 0.1	tr	0.3 ± 0.3	0.3 ± 0.2	0.5 ± 0.3	0.4 ± 0.2
104	Sempervirol	2241	1.5 ± 0.7	0.3 ± 0.3	0.3 ± 0.1	0.8 ± 0.6	0.4 ± 0.3	0.9 ± 0.5	0.8 ± 0.5
105	Unknown DO #4 (91, 135, 286, 105, 271)	2245	0.8 ± 0.4	0.2 ± 0.1	0.2 ± 0.1	0.4 ± 0.3	0.2 ± 0.2	0.5 ± 0.4	0.5 ± 0.3
106	<i>dehydro</i> -Abietal	2273	1.2 ± 0.9	0.3 ± 0.1	tr	0.2 ± 0.2	0.2 ± 0.1	0.8 ± 0.6	0.3 ± 0.3
107	4- <i>epi</i> -Abietal	2300	7.6 ± 4.8	2.6 ± 1.1	1.2 ± 0.6	4.6 ± 3.7	3.0 ± 1.7	5.1 ± 2.8	4.3 ± 3.0
108	Abieta-7,13-dien-3-one	2316	9.5 ± 5.4	2.8 ± 2.2	2.0 ± 0.8	5.3 ± 4.5	4.2 ± 3.0	7.2 ± 4.8	5.2 ± 3.6
109	Abietal	2318	tr	-	-	tr	-	0.1 ± 0.2	-
110	<i>trans</i> -Feruginol	2333	tr	-	tr	-	-	0.3 ± 0.4	-
111	4- <i>epi</i> -Abietol	2347	0.5 ± 0.3	tr	tr	0.4 ± 0.3	0.3 ± 0.5	0.5 ± 0.7	0.3 ± 0.2
112	<i>cis</i> -Feruginol	2370	0.7 ± 0.7	0.2 ± 0.1	tr	0.4 ± 0.3	0.3 ± 0.2	0.5 ± 0.5	0.4 ± 0.3
113	<i>neo</i> -Abietol	2386	0.6 ± 0.3	0.2 ± 0.1	tr	0.4 ± 0.3	0.3 ± 0.2	0.4 ± 0.3	0.4 ± 0.3
114	Abietol	2399	0.9 ± 0.8	-	-	0.4 ± 0.6	0.1 ± 0.3	0.4 ± 0.8	0.3 ± 0.4
<b>Total monoterpenes</b>			<b>46.4 ± 19.7</b>	<b>71.1 ± 7.4</b>	<b>73.8 ± 5.9</b>	<b>59.9 ± 13.7</b>	<b>67.9 ± 8.0</b>	<b>58.5 ± 11.4</b>	<b>59.2 ± 9.5</b>
<i>Monoterpene hydrocarbons</i>			11.9 ± 16.4	38.7 ± 10.0	28.9 ± 19.7	40.7 ± 14.9	30.3 ± 13.0	6.9 ± 8.8	37.8 ± 14.5
<i>Oxygenated monoterpenes</i>			34.5 ± 18.1	32.4 ± 14.7	44.9 ± 22.7	19.2 ± 16.4	37.6 ± 14.1	51.6 ± 16.1	21.4 ± 16.3
<b>Total sesquiterpenes</b>			<b>22.3 ± 8.8</b>	<b>18.0 ± 1.7</b>	<b>20.2 ± 4.9</b>	<b>22.4 ± 6.7</b>	<b>19.4 ± 2.5</b>	<b>15.8 ± 4.6</b>	<b>22.3 ± 5.0</b>
<i>Sesquiterpene hydrocarbons</i>			9.0 ± 4.3	6.2 ± 1.2	6.4 ± 1.7	8.3 ± 4.3	9.1 ± 2.1	6.8 ± 2.0	7.3 ± 2.0
<i>Oxygenated sesquiterpenes</i>			13.3 ± 5.3	11.8 ± 1.7	13.8 ± 3.3	14.0 ± 3.7	10.3 ± 2.5	9.1 ± 2.9	14.9 ± 3.3
<b>Total diterpenes</b>			<b>28.7 ± 16.0</b>	<b>9.3 ± 5.3</b>	<b>5.4 ± 2.0</b>	<b>16.5 ± 12.8</b>	<b>11.9 ± 7.2</b>	<b>20.2 ± 12.2</b>	<b>17.4 ± 11.1</b>
<i>Diterpene hydrocarbons</i>			2.0 ± 0.7	1.4 ± 0.8	0.7 ± 0.3	1.8 ± 1.0	1.7 ± 0.8	1.6 ± 0.4	3.0 ± 1.8
<i>Oxygenated diterpenes</i>			26.6 ± 15.7	7.9 ± 4.6	4.7 ± 1.8	14.7 ± 11.9	10.2 ± 6.7	18.6 ± 11.9	14.4 ± 9.5
<b>Other</b>			<b>0.8 ± 1.3</b>	<b>0.9 ± 1.2</b>	<b>tr</b>	<b>0.2 ± 0.3</b>	<b>0.2 ± 0.2</b>	<b>3.9 ± 2.1</b>	<b>0.6 ± 1.4</b>
<b>TOTAL</b>			<b>98.1 ± 1.1</b>	<b>99.4 ± 0.2</b>	<b>99.5 ± 0.2</b>	<b>99.0 ± 0.8</b>	<b>99.4 ± 0.4</b>	<b>98.4 ± 0.8</b>	<b>99.4 ± 0.2</b>
Number of compounds			66 - 85	79 - 85	79 - 87	73 - 83	79 - 89	62 - 84	70 - 88



**Supplemental figure S1.** PCA scatter plot of leaf essential oil composition of *Juniperus sabina* var. *balkanensis*; colour represent populations, shapes chemotypes/dominant compounds

■ – Central Balkan, ■ – Resava gorge, ■ – Mt. Bistra, ■ – Mt. Korab, ■ – Mt. Prokletije, ■ – Mt. Biokovo, ■ – Mt. Velebit.

triangle – sabinene chemotype, square – intermediate chemotype, dot – *trans*-sabinyl acetate chemotype

**Supplemental Table S2.** Pairwise Hotelling's  $p$  values between EO composition of the studied populations of *Juniperus sabina* var. *balkanensis* from the Balkans

	Mt. Velebit	Biokovo	Mt. Prokletije	Mt. Korab	Mt. Bistra	Resava gorge	Balkan Mountain
Mt. Velebit		0.00852	0.00013	0.01827	0.00161	0.00269	0.12205
Biokovo	0.00852		0.00003	0.00776	0.10190	0.00003	0.04831
Mt. Prokletije	0.00013	0.00003		0.00226	0.00002	0.00000	0.01655
Mt. Korab	0.01827	0.00776	0.00226		0.00184	0.00020	0.49557
Mt. Bistra	0.00161	0.10190	0.00002	0.00184		0.00002	0.01575
Resava gorge	0.00269	0.00003	0.00000	0.00020	0.00002		0.00183
Balkan Mountain	0.12205	0.04831	0.01655	0.49557	0.01575	0.00183	

Supplemental table S3. Correlation between environmental parameters and mean population values of leaf essential oil of *Juniperus sabina* var. *balkanensis*

	Altitude	Inclination	Exposition	BIO1	BIO2	BIO3	BIO4	BIO5	BIO6	BIO7	BIO8	BIO9	BIO10	BIO11	BIO12	BIO13	BIO14	BIO15	BIO16	BIO17	BIO18	BIO19
$\alpha$ -Pinene	-0.18	-0.15	-0.56	-0.35	-0.49	-0.37	<b>-0.67</b>	-0.46	-0.20	-0.52	-0.40	0.15	-0.42	-0.20	0.17	0.25	0.02	0.32	0.26	0.08	-0.44	0.21
Sabinene	0.29	-0.45	-0.11	-0.57	-0.12	-0.17	-0.29	-0.55	-0.57	-0.09	-0.41	-0.10	-0.58	-0.52	0.22	0.09	0.39	-0.14	0.16	0.34	0.20	0.20
Myrcene	0.22	-0.49	-0.42	-0.35	-0.27	-0.21	-0.52	-0.39	-0.27	-0.28	-0.50	0.27	-0.40	-0.23	0.38	0.38	0.26	0.20	0.43	0.35	-0.28	0.39
Limonene	-0.22	-0.25	<b>-0.62</b>	-0.14	<b>-0.64</b>	-0.47	<b>-0.82</b>	-0.31	0.08	<b>-0.69</b>	-0.43	0.44	-0.25	0.06	0.30	0.41	0.03	0.37	0.42	0.20	<b>-0.63</b>	0.31
<i>cis</i> -Thujone	0.21	-0.35	0.03	0.24	0.32	0.10	0.41	0.35	0.13	0.43	-0.04	0.38	0.28	0.14	0.37	0.40	0.25	-0.09	0.37	0.26	-0.08	0.37
<i>trans</i> -Thujone	-0.60	-0.16	<b>-0.76</b>	0.21	<b>-0.72</b>	<b>-0.62</b>	<b>-0.68</b>	0.00	0.44	<b>-0.71</b>	-0.08	0.43	0.11	0.40	0.06	0.24	-0.27	0.40	0.21	-0.06	<b>-0.69</b>	0.05
<i>trans</i> -Sabinol	-0.39	<b>0.75</b>	0.15	0.32	0.10	0.19	0.24	0.30	0.31	0.04	0.38	-0.18	0.33	0.26	-0.37	-0.24	-0.44	0.16	-0.33	-0.51	-0.13	-0.30
Terpinen-4-ol	0.01	0.25	-0.51	-0.08	-0.16	0.12	-0.48	-0.14	0.03	-0.31	-0.36	0.33	-0.14	0.03	0.20	0.44	-0.20	<b>0.74</b>	0.39	-0.13	<b>-0.81</b>	0.36
Citronellol	0.51	-0.09	0.31	<b>-0.79</b>	-0.10	0.02	-0.44	<b>-0.73</b>	<b>-0.74</b>	-0.17	<b>-0.87</b>	0.21	<b>-0.80</b>	<b>-0.72</b>	<b>0.70</b>	0.57	<b>0.76</b>	-0.20	<b>0.62</b>	<b>0.69</b>	0.00	<b>0.71</b>
Methyl citronellate	<b>0.60</b>	-0.18	0.32	<b>-0.64</b>	0.19	0.18	-0.08	-0.50	<b>-0.69</b>	0.18	<b>-0.74</b>	0.22	<b>-0.61</b>	<b>-0.66</b>	<b>0.70</b>	0.60	<b>0.74</b>	-0.19	<b>0.62</b>	<b>0.63</b>	0.04	<b>0.74</b>
Bornyl acetate	-0.53	-0.39	<b>-0.61</b>	0.21	<b>-0.83</b>	<b>-0.75</b>	<b>-0.75</b>	-0.03	0.46	<b>-0.79</b>	-0.14	0.52	0.09	0.41	0.18	0.26	-0.06	0.13	0.28	0.20	-0.52	0.09
<i>trans</i> -Sabinyl acetate	-0.26	0.22	0.17	0.40	0.29	0.09	0.60	0.46	0.28	0.39	0.45	-0.11	0.46	0.25	-0.22	-0.18	-0.20	-0.15	-0.25	-0.28	0.14	-0.22
Germacrene D	0.53	<b>-0.74</b>	-0.21	0.56	0.23	0.22	0.09	0.59	0.54	0.22	-0.03	<b>0.70</b>	0.54	0.58	0.38	0.46	0.09	0.23	0.50	0.35	-0.31	0.36
$\gamma$ -Cadinene	0.33	0.51	0.34	-0.22	-0.12	0.29	-0.50	-0.26	-0.07	-0.36	-0.60	0.44	-0.28	-0.11	0.50	0.56	0.26	0.24	0.54	0.33	-0.46	0.57
Elemol	-0.52	<b>0.65</b>	0.21	0.19	0.13	0.04	0.44	0.19	0.11	0.17	0.58	-0.56	0.23	0.07	<b>-0.62</b>	-0.60	-0.44	-0.13	<b>-0.67</b>	<b>-0.61</b>	0.29	<b>-0.60</b>
Germacrene B	<b>0.67</b>	<b>-0.68</b>	-0.14	0.21	0.43	0.38	0.25	0.31	0.09	0.42	0.11	0.08	0.24	0.18	0.00	-0.03	-0.01	0.16	0.05	0.10	0.15	0.00
Germacrene D-4-ol	0.33	<b>-0.80</b>	0.10	-0.05	0.15	-0.12	0.24	0.02	-0.15	0.29	0.08	-0.10	-0.01	-0.09	0.05	-0.17	0.32	-0.47	-0.07	0.34	0.58	-0.09
$\beta$ -Oplophenone	-0.53	0.50	0.22	-0.40	-0.60	-0.46	-0.50	-0.55	-0.24	<b>-0.64</b>	-0.05	-0.40	-0.45	-0.30	-0.26	-0.39	-0.01	-0.32	-0.37	-0.08	0.26	-0.34
$\alpha$ -Cadinol	0.43	<b>-0.88</b>	-0.30	-0.07	0.04	-0.10	-0.09	-0.03	-0.11	0.11	-0.26	0.31	-0.08	-0.04	0.37	0.31	0.33	-0.01	0.39	0.44	-0.01	0.33
Abietadiene	0.27	0.02	0.02	0.07	0.37	0.41	0.28	0.12	-0.05	0.31	0.42	-0.55	0.10	0.02	-0.57	<b>-0.61</b>	-0.39	0.15	-0.57	-0.43	0.38	-0.54
Abieta-7,13-dien-3-one	0.06	0.40	0.48	0.27	0.18	0.30	0.23	0.27	0.25	0.09	0.31	-0.15	0.28	0.23	-0.26	-0.30	-0.17	-0.13	-0.30	-0.16	0.25	-0.29