

ON-LINE SUPPLEMENTARY MATERIAL

Pandža, M., Jasprica, N., Škvorc, Ž., Milović, M., Karadole, J.: A phytosociological description of a new plant association of the *Saturejion subspicatae* alliance in southern Croatia (SE Europe). *Acta Botanica Croatica*, DOI: 10.37427/botcro-2026-008.

On-line Suppl. Tab. 1. Sources of phytosociological relevés included in the data set. HR – Croatia, BA – Bosnia and Herzegovina, ME – Montenegro.

Source (see Ref. below)	Table	n° rels.	Asociation with original author names	Locality, Country
Horvat [1]	p. 81-82	2	<i>Carex humilis-Centaurea rupestris</i> Horvat 1931	Medvedak, Lika, HR
Trinajstić [2]	Tab. 35, rels. 1-6	6	<i>Carici-Centaureetum rupestris</i> Ht. 1931 <i>stipetosum mediterraneae</i>	Island of Krk, HR
Trinajstić [2]	Tab. 36, rels. 1-3	3	<i>Bromo-Seslerietum tenuifoliae</i> Trinajstić 1965	Island of Krk, HR
Trinajstić & Pavletić [3]	Tab. 1, rels. 1-5	5	<i>Carici-Centaureetum rupestris</i> Ht. 1931	Mt. Biokovo, HR
Trinajstić et al. [4]	Tab. 1, rels. 1-5	5	<i>Carici-Centaureetum rupestris</i> Ht. 1931	Mt. Kozjak, HR
Trinajstić [5]	Tab. 3, rels. 1-4	4	<i>Carici-Centaureetum rupestris</i> Ht. 1931	Mt. Biokovo, HR
Trinajstić [5]	Tab. 4, rels. 1-3	3	<i>Stipo-Caricetum humilis</i> Trinajstić 1987	Mt. Biokovo, HR
Trinajstić [5]	Tab. 5, rels. 1-4	4	<i>Bromo-Seslerietum interruptae</i> Trinajstić 1965	Mt. Biokovo, HR
Trinajstić [5]	Tab. 6, rels. 1-8	8	<i>Astragalo-Seslerietum robustae</i> Trinajstić (1981) 1987	Mt. Biokovo, HR
Trinajstić [6]	Tab. 1, rels. 1-2	2	<i>Saturejo subspicatae-Caricetum humilis</i> Trinajstić (1999) 2007	Kubus near Oštarije, HR
Trinajstić [6]	Tab. 1, rels. 3-4	2	<i>Saturejo subspicatae-Caricetum humilis</i> Trinajstić (1999) 2007	Tomislavgrad, BA
Tomić-Stanković [7]	Tab. 4, rels. 1-18	18	<i>Genisto-Globularietum bellidifoliae</i> Tomić-Stanković 1970	Mt. Lovćen, ME
Šegulja & Bedalov [8]	Tab. 1, rels. 1-11	11	<i>Minuartio-Genistetum pulchellae</i> Šegulja et Bedalov 1988	Mt. Mosor, HR
Trinajstić [9]	Tab. 1, rels. 1-5	5	<i>Saturejo subspicatae-Caricetum humilis</i> Trinajstić 1999	Krasno, Mt. Velebit, HR
Trinajstić [9]	Tab. 1, rel. 6	1	<i>Saturejo subspicatae-Caricetum humilis</i> Trinajstić 1999	Peći, Bosansko Grahovo, BA
Trinajstić [9]	Tab. 1, rel. 7	1	<i>Saturejo subspicatae-Caricetum humilis</i> Trinajstić 1999	Fužine-Vrata, Gorski Kotar, HR
Trinajstić [9]	Tab. 1, rel. 8	1	<i>Saturejo subspicatae-Caricetum humilis</i> Trinajstić 1999	Malovan-Popina, Velebit, HR
Trinajstić [9]	Tab. 1, rel. 9	1	<i>Saturejo subspicatae-Caricetum humilis</i> Trinajstić 1999	Malovan, Velebit, HR

References

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On-line Suppl. Tab. 2. *Saturejo subspicatae-Scabiosetum delminianae*: subass. *typicum* (rels. 1-10), subass. *jurinetosum mollis* (rels. 11-18), subass. *dalmatocytisetosum dalmatici* (rels. 19-32). Asterisk (*) denotes holotype of subassociations.

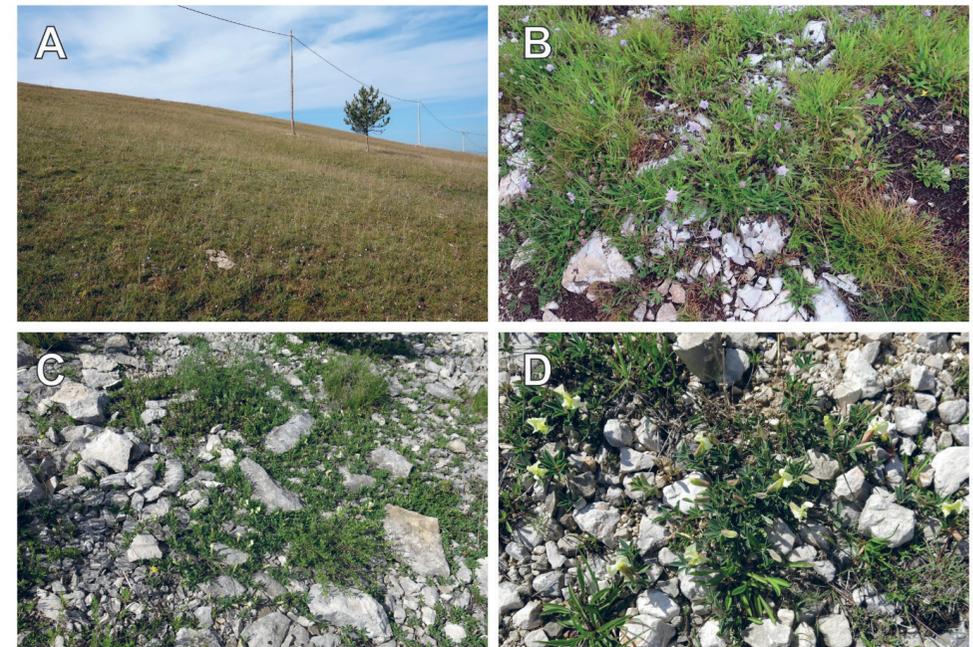
Relevé number	1	2	3*	4	5	6	7	8	9	10	11	12	13	14	15	16*	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32*	
Altitude (m a.s.l.)	810	940	785	795	655	690	1031	916	1170	1171	370	1055	1050	377	363	360	340	390	370	340	370	360	350	410	380	370	375	400	380	360	434	330	
Aspect	NE	SE	E	W	NW	N	SE	N	N	N	N	SE	SE	E	E	0	SE	0	N	N	N	E	NE	E	0	E	NE	E	NE	SW	NW	W	
Slope (°)	40	30	10	40	10	10	10	15	20	20	20	15	10	5	5	0	30	0	20	20	5	40	40	15	0	30	15	20	15	40	40	40	
Plot size (m²)	40	40	40	30	30	30	40	30	30	60	25	25	25	60	60	60	30	50	40	60	60	50	30	40	25	30	60	40	50	30	25	50	
Vegetation cover (%)	100	100	100	100	100	100	100	90	90	90	90	85	90	90	100	100	100	80	100	80	100	100	100	100	90	70	80	100	85	80	80	95	
Number of taxa	31	31	34	35	38	31	31	33	28	29	24	28	22	22	26	32	27	28	23	17	38	20	21	22	30	22	18	28	24	24	23	19	
	<i>typicum</i>										<i>jurinetosum mollis</i>								<i>dalmatocytisetosum dalmatici</i>														
<i>Scabiosa delminiana</i> Abadžić	4	4	4	4	3	3	3	3	3	4	3	2	4	3	3	4	4	3	+	+	+	.	+	1	+	+	.	+	1	+	.	.	
<i>Jurinea mollis</i> (L.) Rchb.	.	.	.	.	.	.	.	.	.	.	+	+	+	+	+	+	+	+	.	+	.	.	.	+	.	+	.	.	+	.	.	.
<i>Dalmatocytisus dalmaticus</i> (Vis.) Trinajstić	.	.	.	.	.	.	.	.	.	.	r	.	.	.	r	.	.	r	2	3	5	4	4	4	3	3	3	3	3	3	2	4
<i>Saturejion subspicatae</i>																																	
<i>Globularia cordifolia</i> L. subsp. <i>bellidifolia</i> (Ten.) Wettst.	1	+	+	+	1	1	2	1	1	+	+	1	1	3	2	2	+	1	2	2	+	+	3	1	2	1	2	1	1	1	3	2	
<i>Satureja subspicata</i> Bartl. ex Vis.	1	1	1	1	1	1	1	1	1	+	2	1	1	1	2	1	2	+	1	1	1	+	1	+	+	+	1	.	+	+	1	1	
<i>Edraianthus tenuifolius</i> (Waldst. et Kit.) A. DC.	.	.	.	.	+	.	+	.	+	+	.	+	+	+	.	+	+	+	.	+	.	.	+	.	+	.	+	+	+	+	+	.
<i>Sesleria tenuifolia</i> Schrad.	.	.	.	.	.	.	1	+	1	1	+	+	.	+	.	.	.	+	.	.	+	.	.	.	.	1	.	+	+	1	.	.
<i>Anthyllis montana</i> L. subsp. <i>jacquinii</i> (A. Kern.) Hayek	+	1	+	+	1
<i>Serratula radiata</i> (Waldst. et Kit.) M. Bieb. subsp. <i>cetinjensis</i> (Rohlena) Hayek	+
<i>Centaurea rupestris</i> L.	+	+	+	.
<i>Crepis chondrilloides</i> Jacq.	+
<i>Scorzoneretalia villosae</i>																																	
<i>Plantago holosteum</i> Scop.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	.	+	+	+	.	+	.	.	+	.	+	+	+	+	+	.	+	.
<i>Teucrium montanum</i> L.	.	+	+	+	+	+	+	+	+	.	+	+	+	+	+	+	+	+	.	.	+	.	+	+	+	+	+	+	+	+	+	+	+
<i>Eryngium amethystinum</i> L.	+	+	+	+	+	.	+	+	.	.	+	+	+	+	+	+	+	+	+	.	+	.	.	+	+	+	+	+	+	.	+	+	
<i>Seseli montanum</i> L. subsp. <i>tommasinii</i> (Rchb. f.) Arcang.	.	.	+	+	+	+	.	+	+	+	.	.	.	+	+	+	+	.	.	.	+
<i>Koeleria splendens</i> C. Presl	.	.	.	.	.	.	.	.	+	+	+	+	+	+	+	+	1	+	+	+	.	.	+	.	+	.	1	+	+	+	+	+
<i>Dorycnium germanicum</i> (Gremli) Rikli	+	+	1	+	+	+	.	.	+	+	.	+	+	+	.	+
<i>Linum alpinum</i> Jacq. subsp. <i>julicum</i> (Hayek) Hegi	.	.	.	.	.	+	+	.	+	+	+	+	.	.	.	+	+	+	+	+	.	.	.	.	+	+	.	.	.	.	.	.

On-line Suppl. Tab. 2. continued

<i>Scabiosa columbaria</i> L.	. . . . .	. . . . . + .	. . . . .
<i>Carex halleriana</i> Asso	. . . . . + . . . . .	. . . . .	. . . . .
<i>Pulsatilla grandis</i> Wender.	. . . . . + . . . . .	. . . . .	. . . . .
<i>Astragalus muelleri</i> Steud. et Hochst.	. . . . .	. . . . .	. . . + . . . + . . . . .
<i>Ononis pusilla</i> L.	. . . . .	. . . . .	. . . + . . . + . . . . .
<i>Hypericum perforatum</i> L. subsp. <i>veronense</i> (Schrank) H. Lindb.	. . . . .	. . . . .	+ . . . . .
<i>Hieracium piloselloides</i> Vill.	. . . . .	. . . . .	. + . . . . .
<i>Carex flacca</i> Schreb.	. . . . .	. . . . .	. . . . + . . . . .
<i>Hieracium praealtum</i> Vill. ex Gochnat subsp. <i>bauhinii</i> (Besser) Petunn.	. . . . .	. . . . .	. . . . . + . . . . .
<i>Satureja montana</i> L. subsp. <i>variegata</i> (Host) P. W. Ball	. . . . .	. . . . .	. . . . . + . . . . .
<i>Bupleurum veronense</i> Turra	. . . . .	. . . . .	. . . . . + . . . . .
<i>Centaurea spinosociliata</i> Seenus subsp. <i>cristata</i> (Bertol.) Dostál	. . . . .	. . . . .	. . . . . + . . . . .
Companions			
<i>Quercetea pubescentis</i>			
<i>Juniperus oxycedrus</i> L. subsp. <i>oxycedrus</i> , juv.	. . . + +	+ . . + . . . +	+ + + + . + + . . 1 . + . .
<i>Helleborus multifidus</i> Vis.	+ + + . . . . .	. . . . .	. . . . .
<i>Cotinus coggygria</i> Scop., juv.	. . . . .	. . . + + + . . .	. . . . + . . . . + . . . +
<i>Rhamnus intermedia</i> Steud. et Hochst.	. . . . .	. . . . . + . . . . .	. . . . .
<i>Quercus pubescens</i> Willd., juv.	. . . . . + . . . . .	. . . . .	. . . + . + . . . . + +
<i>Campanula glomerata</i> L.	. . . . . + . . . . .	. . . . .	. . . . .
<i>Amelanchier ovalis</i> Medik., juv.	. . . . . + . . . . .	. . . . .	. . . . .
<i>Fraxinus ornus</i> L., juv.	. . . . .	. . . . . + . . . . .	. + + 2 + + . + . +
<i>Frangula rupestris</i> (Scop.) Schur, juv.	. . . . .	. . . . .	. . + + . . + . . . + + .
<i>Sesleria autumnalis</i> (Scop.) F. W. Schultz	. . . . .	. . . . .	+ . . + + . . . . .
<i>Coronilla emerus</i> L. subsp. <i>emeroides</i> Boiss. et Spruner	. . . . .	. . . . .	. . . + + . . . . .
<i>Prunus mahaleb</i> L., juv.	. . . . .	. . . . .	. . . + + . . . . .
<i>Ostrya carpinifolia</i> Scop.	. . . . .	. . . . .	1
<i>Ononido-Rosmarinetea</i>			
<i>Thesium divaricatum</i> Mert. et W. D. J. Koch	. . + + + + + + + +	+ . + . + + + . + . + . . + . . + .

On-line Suppl. Tab. 3. Life form spectrum, number of taxa, and percentage contribution for the three subassociations of *Saturejo subspicatae-Scabiosetum delminiana*e in Croatia.

Life form	<i>typicum</i>	<i>jurinetosum mollis</i>	<i>dalmatocytisetosum dalmatici</i>
Hemicryptophytes	52 (63.41)	38 (55.89)	38 (49.35)
Chamaephytes	17 (20.73)	19 (27.94)	20 (25.97)
Phanerophytes	6 (7.32)	6 (8.82)	13 (16.88)
Therophytes	4 (4.88)	3 (4.41)	4 (5.20)
Geophytes	3 (3.66)	2 (2.94)	2 (2.60)
Total	82 (100)	68 (100)	77 (100)



On-line Suppl. Fig. 1. Photos of the plant subassociations. A – *Saturejo subspicatae-Scabiosetum delminiana*e *typicum* in the village of Visuć (Podkuk), near Udbina, Lika region; B – detail of the *Saturejo subspicatae-Scabiosetum delminiana*e *jurinetosum mollis* on the Svilaja Mt., Dalmatia; C–D – detail of the grassland of the *Saturejo subspicatae-Scabiosetum delminiana*e *dalmatocytisetosum dalmatici* near the town of Sinj (photo: M. Milović).