

On-line Supplement Tab. 3. Relevés of *Ericastrictum virgati dianthetosum siculi*. Life forms: T – Therophytes; Ch – Chamaephytes; H – Hemicroptophytes; G – Geophytes; P – Phanerophytes; NP – Nanophanerophytes. Chorologic element: Med. – Mediterranean; End. sic. – Endemic to Sicily; End. It.-sic. – Endemic to Italy and Sicily; Euro-Med. – Euro-Mediterranean; Euro-Med.-Iran.-Tur. – Euro-Mediterranean-Iranian-Turanian; Med.-Atl. – Mediterranean-Atlantic; Med.-Trop. – Mediterranean-Tropical; Neotrop. – Neotropical; Paleotemp. – Paleotemperate. Aspect: S – south; W – west; NE – northeast; SE – southeast. Rock type: UG – Limestone and dolomite with biocalcarenes and brachiopods gray; UT – Limestone and dolomite with rudites clasts of quartz at the base. Localities and date of the relevés: Rel. 57–59, Monte Galfà, 25.06.2012; Rel. 60–61, Monte Galfà, 26.07.2012. According to the Braun-Blanquet method in each relevé the complete list of vascular plant species was recorded and for each species the cover value (percentage of soil surface) was assessed (+: <1% cover; 1: 1–5% cover; 2: 5–25% cover; 3: 25–50% cover; 4: 50–75% cover; 5: >75% cover).

		9	9	9	9	9	9
Localities		9	9	9	9	9	9
Relevé number		57	58	59	60	61	
Aspect		W	S	NE	S	SE	
Slope (°)		90	90	90	80	80	
Rock type		UG	UG	UT	UT	UT	
Altitude (m)		928	917	920	723	719	
Distance from sea (m)		6700	6700	6700	6300	6300	
N. species		18	22	18	24	22	Freq.
Char. Ass.							
End. It.-sic.	H scap	1	1	2	1	1	5
<i>Ericastrum virgatum</i> (J. & C. Presl) C. Presl							
Char. <i>Dianthion rupicolae</i>							
E Med.	Ch suffr	+	+	+	1	1	5
<i>Silene fruticosa</i> L.							
End. sic.	Ch suffr	2	2	1	2	1	5
<i>Dianthus scutellus</i> C. Presl in J. & C. Presl							
C Med.	Ch suffr	+	1	–	+	1	4
<i>Brassica incana</i> Ten.							
End. sic.	H scap	–	1	+	+	+	4
<i>Anthyllis vulneraria</i> L. subsp. <i>busambarensis</i> (Lojac.) Pignatti							
End. sic.	Ch frut	1	+	–	–	–	2
<i>Odontites bocconei</i> (Guss.) Walp. subsp. <i>bocconei</i>							
Char. <i>Asplenietea trichomanis</i> and <i>Asplenietalia glandulosi</i>							
Med.	Ch frut	1	2	2	+	1	5
<i>Teucrium flavum</i> L.							
SO-Med.	H scap	2	1	3	+	1	5
<i>Athamanta sicula</i> L.							
S Med.	H ros	1	1	+	1	+	5
<i>Hypochoeris laevigata</i> (L.) Ces.							

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		Localities								
		Relevé number								
		9	9	9	9	9	9	9	9	9
		57	58	59	60	61				
C.Med.	Ch fruit	1	1	+	+	1	5			
	<i>Ballota hispanica</i> (L.) Benth.									
Euro-Med.	Ch succ	–	1	+	+	+	4			
	<i>Sedum dasyphyllum</i> L.									
C.Med.	Ch fruit	–	–	–	3	3	2			
	<i>Lomelosia cretica</i> (L.) Greuter & Burdet									
Euro-Med.–Iran.–Tur	H ros	–	+	+	–	–	2			
	<i>Ceterach officinarum</i> Willd.									
Other species										
End. It.–sic.	Ch suffr	1	1	1	+	+	5			
	<i>Micromeria graeca</i> (L.) Benth. ex Rehb. subsp. <i>consentina</i> (Ten.) Guinea									
E.Med.	NP	1	1	2	1	1	5			
	<i>Phlomis fruticosa</i> L.									
End. It.–sic.	H scap	+	+	1	+	+	5			
	<i>Galium aetnium</i> Biv.									
Med.	H scap	+	+	+	+	+	5			
	<i>Silene vulgaris</i> (Moench) Gareke subsp. <i>tenoreana</i> (Colla) Soldano & F. Conti									
Med.	NP	1	+	–	+	1	4			
	<i>Emerus major</i> Mill. subsp. <i>emeroides</i> (Boiss. & Spruner) Soldano & F. Conti									
End. It.–sic.	Ch suffr	–	+	+	+	+	4			
	<i>Gypsophila arrostii</i> Guss.									
O.Med.	Ch suffr	–	–	+	+	+	3			
	<i>Phagnalon saxatile</i> (L.) Cass.									
Med.	NP	+	1	1	–	–	3			
	<i>Bupleurum fruticosum</i> L.									
Euro-Med.	H caesp	+	1	1	–	–	3			
	<i>Festuca circummediterranea</i> Patzke									
Med.	NP	–	–	–	+	+	2			
	<i>Euphorbia dendroides</i> L.									
O.Med.	H caesp	–	–	–	1	+	2			
	<i>Ampelodesmos mauritanicus</i> (Poir.) T. Durand & Schinz									
Med.	P caesp	–	–	–	+	1	2			
	<i>Olea europaea</i> L. var. <i>sylvestris</i> (Mill.) Lehr									
Med.	P caesp	–	1	–	+	–	2			
	<i>Rhamnus alaternus</i> L.									
Med.	P scap	+	+	–	–	–	2			
	<i>Quercus ilex</i> L.									
Med.	G bulb	–	–	–	–	+	1			
	<i>Allium ampeloprasum</i> L.									
Med.	H caesp	–	–	–	+	–	1			
	<i>Melica minuta</i> L.									
Med.	P caesp	–	–	–	+	–	1			
	<i>Pistacia terebinthus</i> L.									
Med.	NP	1	–	–	–	–	1			
	<i>Coronilla valentina</i> L.									