



NATURA 2000 - STANDARD DATA FORM

For Special Protection Areas (SPA),
Proposed Sites for Community Importance (pSCI),
Sites of Community Importance (SCI) and
for Special Areas of Conservation (SAC)

SITE ES6110003
SITENAME Sierra Maria - Los Vélez

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1. SITE IDENTIFICATION

1.1 Type	1.2 Site code	Back to top
C	ES6110003	

1.3 Site name

Sierra Maria - Los Vélez

1.4 First Compilation date	1.5 Update date
1997-12	2022-10

1.6 Respondent:

Name	DIRECCIÓN GENERAL DE ESPACIOS NATURALES PROTEGIDOS. CONSEJERÍA DE SOSTENIBILIDAD, MEDIO AMBIENTE Y
/Organisation:	ECONOMÍA AZUL. JUNTA DE ANDALUCÍA.
Address:	AVDA. MANUEL SIUROT, 50. 41013-SEVILLA, ESPAÑA - TLFNO.: +34 955 00 34 00
Email:	natura2000fnd.csmaea@juntadeandalucia.es

1.7 Site indication and designation / classification dates

Date site classified as SPA:	2002-10
National legal reference of SPA designation	Disposición transitoria séptima de la Ley 18/2003, de 29 de diciembre, por la que se aprueban medidas fiscales y administrativas
Date site proposed as SCI:	1997-12
Date site confirmed as SCI:	No data
Date site designated as SAC:	2012-09
National legal reference of SAC designation:	Decreto 493/2012, de 25 de septiembre, por el que se declaran determinados lugares de importancia comunitaria como Zonas Especiales de Conservación de la Red Ecológica Europea Natura2000 en la Comunidad Autónoma de Andalucía.
Explanation(s):	Enlace a Decreto: http://www.juntadeandalucia.es/eboja/2012/200/BOJA12-200-00029-16202-01_00014480.pdf

2. SITE LOCATION

Longitude

-2.141

Latitude

37.6754

2.2 Area [ha]:

22589.39

2.3 Marine area [%]

0.0

2.4 Sitelength [km]:

0.0

2.5 Administrative region code and name

NUTS level 2 code	Region Name
ES61	Andalucía

2.6 Biogeographical Region(s)

Mediterranean

(100.0 %)

3. ECOLOGICAL INFORMATION

Annex I Habitat types						Site assessment			
Code	PF	NP	Cover [ha]	Cave [number]	Data quality	A B C D	A B C		
						Representativity	Relative Surface	Conservation	Global
4060 B			278.182		M	B	C	C	B
4090 B			6533.178		M	B	C	B	B
5110 B			174.869		M	B	C	C	B
5210 B			1687.025		M	B	C	C	B
5330 B			1062.367		M	A	C	C	B
6170 B			290.916		M	A	C	B	A
6220 B			8571.89		M	A	C	A	A
6310 B			1389.916		M	B	C	B	B
6420 B			16.721		M	A	C	B	A
8130 B			40.76		M	A	C	A	A
8210 B			91.567		M	A	C	C	B
92D0 B			0.758		M	C	C	C	C
9340 B			71.366		M	B	C	A	B
9530 B			3.76		M	A	C	C	B
9540 B			707.437		M	B	C	B	B

- **PF:** for the habitat types that can have a non-priority as well as a priority form (6210, 7130, 9430) enter "X" in the column PF to indicate the priority form.
- **NP:** in case that a habitat type no longer exists in the site enter: x (optional)
- **Cover:** decimal values can be entered
- **Caves:** for habitat types 8310, 8330 (caves) enter the number of caves if estimated surface is not available.
- **Data quality:** G = 'Good' (e.g. based on surveys); M = 'Moderate' (e.g. based on partial data with some extrapolation); P = 'Poor' (e.g. rough estimation)

3.2 Species referred to in Article 4 of Directive 2009/147/EC and listed in Annex II of Directive 92/43/EEC and site evaluation for them

[illegible]

M	1303	hipposideros			r	9		i	P	G	C	B	C	C
M	1303	Rhinolophus hipposideros			p				P	DD	D			
B	A276	Saxicola torquata			p				P	DD	D			
B	A210	Streptopelia turtur			r				P	DD	D			
B	A304	Sylvia cantillans			r				P	DD				
B	A303	Sylvia conspicillata			r				P	DD	D			
B	A302	Sylvia undata			p				P	DD	D			
B	A265	Troglodytes troglodytes			p				P	DD				
B	A232	Upupa epops			p				P	DD	D			

- **Group:** A = Amphibians, B = Birds, F = Fish, I = Invertebrates, M = Mammals, P = Plants, R = Reptiles
- **S:** in case that the data on species are sensitive and therefore have to be blocked for any public access enter: yes
- **NP:** in case that a species is no longer present in the site enter: x (optional)
- **Type:** p = permanent, r = reproducing, c = concentration, w = wintering (for plant and non-migratory species use permanent)
- **Unit:** i = individuals, p = pairs or other units according to the Standard list of population units and codes in accordance with Article 12 and 17 reporting (see [reference portal](#))
- **Abundance categories (Cat.):** C = common, R = rare, V = very rare, P = present - to fill if data are deficient (DD) or in addition to population size information
- **Data quality:** G = 'Good' (e.g. based on surveys); M = 'Moderate' (e.g. based on partial data with some extrapolation); P = 'Poor' (e.g. rough estimation); VP = 'Very poor' (use this category only, if not even a rough estimation of the population size can be made, in this case the fields for population size can remain empty, but the field "Abundance categories" has to be filled in)

3.3 Other important species of flora and fauna (optional)

Species					Population in the site			Motivation						
Group	CODE	Scientific Name	S	NP	Size		Unit	Cat.	Species Annex		Other categories			
					Min	Max		C R V P	IV	V	A	B	C	D
B	A086	Accipiter nisus						P			X		X	
P		Acer opalus subsp. granatense			500	1000	i	C						X
B	A324	Aegithalos caudatus						P			X		X	
B	A247	Alauda arvensis						P					X	X
B	A110	Alectoris rufa						P					X	X
A		Alytes dickhilleni			1	2	p	P			X	X		X
P		Amelanchier ovalis			1000	5000	i	C						X
P		Andryala agardhii Haens. ex DC.			390	600	i	C			X			X
M	5551	Apodemus sylvaticus						P						X
B	A228	Apus melba						P			X		X	
P		Arabis alpina L.			0	0	i	V						X
P		Arctostaphylos uva-ursi			10000	50000	tufts	C						X
P		Arenaria arcuatociliata G. L&acute;pez Gonz&aacute;lez & G. Nieto Feliner			0	0	i	P			X			X
P		Arenaria tetraquetra subsp. murcica			100	500	i	C						X
P		Arenaria tomentosa Willk.			11	11	i	V			X			X
P		Armeria bourgaei Boiss. ex Merino subsp. bourgaei			10000	200000	tufts	C						X

[illegible]

P		Galium nevadense Boiss. & Reut.			0	0	tufts	P						X
P		Galium valentinum Lange			0	0	i	V						X
B	A342	Garrulus glandarius						P						X
M	1360	Genetta genetta						P		X			X	
P		Halimium atriplicifolium subsp. atriplicifolium			140	140	i	R						X
P		Helianthemum cinereum subsp. quadiccianum			200000	300000	i	C						X
P		Hieracium bourgaei baeticum (Arv.-Touv. & E.Rev.) Greuter			0	0	i	P			X			X
B	A438	Hippolais pallida						P			X		X	
B	A300	Hippolais polyglotta						P			X		X	
B	A251	Hirundo rustica						P			X		X	
P		Hohenackeria exscapa (Stev.) Kos.-Pol.			0	0	i	P			X			X
P		Hormathophylla cadevalliana (Pau) T. R. Dudley			3000	10000	i	R			X			X
P		Hypopitys monotropa	Yes		2	2	tufts	V						X
I		Iolana iolas						P						X
P		Juniperus communis subsp. hemisphaerica			10	10	i	R						X
P		Juniperus phoenicea L.			0	0	i	C						X
P		Juniperus sabina L.			17	17	i	R						X
P		Juniperus thurifera L.			1	1	i	V						X
B	A340	Lanius excubitor						P					X	
B	A341	Lanius senator						P			X		X	
M	5691	Lepus granatensis						P						X
P		Leucanthemopsis pallida subsp. spathulifolia			0	0	i	V						X
P		Linaria cavanillesii Chav.			130	280	i	V						X
P		Lonicerapyrenaica L. subsp. pyrenaica			25	150	i	R						X
B	A271	Lusciniamegarhynchos						P			X		X	
P		Lythrumbaeticum Gonz.-Albo			3	20	i	R			X			X
R	2466	Malpolon monspessulanus						P						X
M	2631	Meles meles						P					X	
B	A383	Miliariacalandra						P					X	
P		Moehringia intricata intricata			7000	14000	i	C			X			X
B	A281	Monticola solitarius						P			X		X	
M	2634	Mustela nivalis						P					X	
I		Nalassus calpensis						P						X

[illegible]

P		quinqueradiatus			145	250	i	R			X			X
B	A361	Serinus serinus						P					X	
P		Sideritis carbonellii Socorro			0	0	i	P						X
P		Sideritis stachydioides Willk.			1200	6700	i	C			X	X		
P		Silene almolae Gay			0	0	i	P						X
P		Sisymbrium runcinatum Lag. ex DC.			0	0	i	P						X
P		Sorbus aria subsp. aria			382	516	i	R						X
I		Steropleurus squamiferus						P				X		
B	A219	Strix aluco						P			X		X	
B	A352	Sturnus unicolor						P					X	X
M	5861	Sus scrofa						P					X	
B	A306	Sylvia hortensis						P			X		X	
B	A305	Sylvia melanocephala						P			X		X	
P		Teucrium bicolorum Pau ex Vicioso			25	100	i	C						X
P		Teucrium leonis Sennen			0	0	i	V						X
P		Thymelaea dioica subsp. glauca			0	0	i	P						X
B	A283	Turdus merula						P					X	
B	A287	Turdus viscivorus						P					X	
B	A213	Tyto alba						P					X	
R	5904	Vipera latastei						P			X		X	
M	5906	Vulpes vulpes						P						X
P		Zannichellia contorta (Desf.) Cham.			5	10	area	R			X			X
P		Zannichellia palustris pedicellata (Rosén & Wahlenb.) Hook.f.			0	0	area	R						X

- **Group:** A = Amphibians, B = Birds, F = Fish, Fu = Fungi, I = Invertebrates, L = Lichens, M = Mammals, P = Plants, R = Reptiles
- **CODE:** for Birds, Annex IV and V species the code as provided in the reference portal should be used in addition to the scientific name
- **S:** in case that the data on species are sensitive and therefore have to be blocked for any public access enter: yes
- **NP:** in case that a species is no longer present in the site enter: x (optional)
- **Unit:** i = individuals, p = pairs or other units according to the standard list of population units and codes in accordance with Article 12 and 17 reporting, (see [reference portal](#))
- **Cat.:** Abundance categories: C = common, R = rare, V = very rare, P = present
- **Motivation categories:** **IV, V:** Annex Species (Habitats Directive), **A:** National Red List data; **B:** Endemics; **C:** International Conventions; **D:** other reasons

4. SITE DESCRIPTION

4.1 General site character

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Habitat class	% Cover
N18	5.48
N21	2.0
N15	2.34
N17	43.32

N08	8.0
N22	2.24
N20	2.0
N12	10.0
N09	24.62
Total Habitat Cover	100.00000000000001

Other Site Characteristics

Respecto a la geomorfología de la ZEC, situada en el sector oriental de la Cordillera Bética, en función del tipo de morfogénesis dominante se distinguen las siguientes unidades geomorfoedáficas: áreas de morfogénesis fluvio-coluvial, debido a los procesos de erosión-acumulación causados por la red hidrológica superficial dando lugar a formas donde predominan las llanuras y planos inclinados. Zonas con morfogénesis de tipo denudativo, constituidas por áreas en las que los movimientos orogénicos no han actuado o lo han hecho sobre materiales poco compactos. Se distinguen colinas con moderada influencia estructural, y lugares con morfogénesis de tipo kárstico, ligadas a la abundancia de litologías de tipo carbonatado y una fuerte actividad de los procesos de disolución, que se plasma tanto en forma de karst exógeno (lapiaces, dolinas y poldjes), como karst endógeno (cuevas, simas y grutas). Los suelos son principalmente pedregosos y de poca profundidad.

4.2 Quality and importance

Zona importante para especies y hábitats de interés comunitario de la Directiva 92/43/CEE. Destacando las formaciones boscosas y pastizales, así como la elevada diversidad de flora y fauna existente; contando con numerosos endemismos. Área de interés para el grupo de las aves, especialmente para las rapaces tanto rupícolas como forestales que se encuentran ampliamente representadas. Las zonas más llanas, poseen una elevada diversidad de paseriformes esteparios.Se ha incorporado la evaluacion de especies de flora incluidas tanto en el Listado Andaluz de Especies Silvestres en Regimen de Proteccion Especial (LAESPE), como en la Lista Roja de la Flora Vascular de Andalucía: *Acer opalus* subsp. *granatense*, *Amelanchier ovalis*, *Arabis alpina*, *Arctostaphylos uva-ursi*, *Arenaria tetraquetra* subsp. *murcica*, *Armeria bourgaei* subsp. *bourgaei*, *Armeria bourgaei* subsp. *lanceobracteata*, *Celtis australis*, *Centaurea antennata* subsp. *meridionalis*, *Centaurea pauneroi*, *Cotoneaster granatensis*, *Ctenopsis gypsophila*, *Daphne oleoides*, *Ephedra nebrodensis*, *Erodium saxatile*, *Festuca nevadensis*, *Galium nevadense*, *Galium valentinum*, *Halimium atriplicifolium* subsp. *atriplicifolium*, *Juniperus communis* subsp. *hemisphaerica*, *Juniperus phoenicea*, *Juniperus sabina*, *Juniperus thurifera*, *Leucanthemopsis pallida* subsp. *spathulifolia*, *Linaria cavanillesii*, *Lonicera pyrenaica* L. subsp. *pyrenaica*, *Monotropa hypopitys*, *Ononis rotundifolia*, *Onosma tricerosperra*, *Orobanche alba*, *Phyteuma charmelii*, *Prangos trifida*, *Pterocephalus spathulathus*, *Rhamnus alpina* L. subsp. *alpina*, *Ribes alpinum*, *Sarcocapnos saetabensis*, *Saxifraga corsica* subsp. *cossoniana*, *Scutellaria orientalis*, *Sideritis carbonellii*, *Silene almolae*, *Sisymbrium runcinatum*, *Sorbus aria*, *Teucrium bicoloreum*, *Teucrium leonis*, *Thymelaea dioica* subsp. *glauca* y *Zannichellia palustris pedicellata*.

4.3 Threats, pressures and activities with impacts on the site

The most important impacts and activities with high effect on the site

Negative Impacts			
Rank	Threats and pressures [code]	Pollution (optional) [code]	inside/outside [i o b]
M	K02.02		I
L	A10.01		I
L	G01.02		I
M	D01.02		O
M	F03.02.03		O
M	A07		O
M	E03.03		I
M	E01.01		I
M	K03.06		I
M	A04.03		I
M	L09		O
M	K04.03		I
L	J01		I
L	K03.04		I
L	A03		I
H	L09		I
M	G01.03		I
L	G02.04		I
M	D02.01		I
H	K01.01		I
M	A01		O

Positive Impacts			
Rank	Activities, management [code]	Pollution (optional) [code]	inside /outside [i o b]
H	B		I
H	B01		I
H	G03		I
H	B02.01		I
H	B02.02		I
M	A05.02		I
M	A01		O

L	E01.02		I
M	F03.02.01		I
M	A04		O
M	E05		I
L	H06.01		I
H	E02.01		I
H	B02.03		I
M	F03.01		O
M	E02.02		I
M	D01.02		I
M	C01.04		I
L	G01.04		I
H	F04.01		I
H	C01.04.01		O
H	E02.02		O
H	E01.03		I
M	A02		I
H	E03.02		I
M	F03.02.03		I
M	B02.01		O
H	D02.01		O
M	E02.03		I
M	H05		I
M	C01.01.01		I
M	K04.02		I
M	G05.01		I
H	A07		I
H	G05.04		I
M	A08		O
M	G04.01		I
M	A05.01		I
M	G01.03		O
L	G02.08		I
H	C01.01		O
H	C01.04.01		I
H	A04		I
M	E03.01		I

Rank: H = high, M = medium, L = low
Pollution: N = Nitrogen input, P = Phosphor/Phosphate input, A = Acid input/acidification,
T = toxic inorganic chemicals, O = toxic organic chemicals, X = Mixed pollutions
i = inside, o = outside, b = both

4.4 Ownership (optional)

Type		[%]
Public	National/Federal	25.43
	State/Province	0
	Local/Municipal	37.93
	Any Public	0
Joint or Co-Ownership		0
Private		36.64
Unknown		0
sum		100

4.5 Documentation

INGEMISA,S.L.- Criterios para la la Planificación del P.N. de Sierra de María-Los Vélez (Almería, Junta de Andalucía. Inédito.LENTISCO PUCHE, José Domingo (1995). Parque Natural de Sierra de María-Los Vélez. Instituto de Estudios Almerienses-Revista Velezana.CUETO ROMERO, M. y BLANCA LOPEZ, G. Flora del Parque Natural "Sierra de Maria - Los Vélez".

5. SITE PROTECTION STATUS (optional)

5.1 Designation types at national and regional level:

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Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
ES10	99.76	ES19	8.0E-4	ES00	0.24

5.2 Relation of the described site with other sites:

designated at national or regional level:

Type code	Site name	Type	Cover [%]
ES95	Sierra del Oso	/	
ES99	Lugar de Importancia Comunitaria (LIC) Sierra del Gigante	/	
ES19	Cueva de Ambrosio	/	
ES99	Lugar de Importancia Comunitaria (LIC) Lomas del Buitre y Río Luchena	/	
ES19	Sabina Albar	+	8.0E-4
ES99	Zona de Especial Protección para las Aves (ZEPA) Sierras del Gigante-Pericay, Lomas del Buitre-Río Luchena y Sierra de la Torrecilla	/	
ES10	Sierra María-Los Vélez	*	99.76

5.3 Site designation (optional)

Declarado como Parque Natural mediante Decreto 236/1987 de 30 de Septiembre.

6. SITE MANAGEMENT

6.1 Body(ies) responsible for the site management:

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Organisation:	DIRECCIÓN GENERAL DE ESPACIOS NATURALES PROTEGIDOS. CONSEJERÍA DE SOSTENIBILIDAD, MEDIO AMBIENTE Y ECONOMÍA AZUL. JUNTA DE ANDALUCÍA.
Address:	AVDA. MANUEL SIUROT, 50. 41013-SEVILLA, ESPAÑA - TLFNO.: +34 955 00 34 00
Email:	natura2000fnd.csmaea@juntadeandalucia.es

6.2 Management Plan(s):

An actual management plan does exist:

☒ Yes

Name: PORN y PRUG del Parque Natural Sierra María-Los Vélez
Link: <http://www.juntadeandalucia.es/boja/2005/223/4>

☐ No, but in preparation

☐ No

6.3 Conservation measures (optional)

Decreto 191/2005, de 6 de septiembre, por el que se aprueban el Plan de Ordenación de los Recursos Naturales y el Plan Rector de Uso y Gestión del Parque Natural Sierra María-Los Vélez

7. MAP OF THE SITES

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INSPIRE ID:

Map delivered as PDF in electronic format (optional)

☐ Yes

☒ No

Reference(s) to the original map used for the digitalisation of the electronic boundaries (optional).