

NATURA 2000 - STANDARD DATA FORM

DRAFT exported from Reportnet 3 - [18/12/2025]
Capanne di Marcarolo (IT1180026 - SPA/SCI)

Table of contents

1.Site identification 2.Site location 3.Ecological information 4.Site description 5.Site protection status
6.Site management 7.Map of the site

1. Site identification

1.1 Site type

C

1.2 Site code

IT1180026

1.3 Site name

Capanne di Marcarolo

1.3.1 Site name non-latin alphabet (optional)

1.4 Respondent

1.4.1 Name of the organisation

Regione Piemonte - Direzione Ambiente,
Energia, Territorio - Settore Biodiversità e
Aree Naturali

1.4.2 Contact point in the organisation (optional)

1.4.3 Postal address

Piazza Piemonte, 1 - 10127 Torino

1.4.4 Functional mailbox email address

biodiversita@regione.piemonte.it

1.4.5 Website with contact information

<https://www.regione.piemonte.it/web/temi/ambiente-territorio/biodiversita-aree-naturali/rete-natura-2000>

1.5 Site classification/proposal/designation dates

1.5.1 Date site first classified as SPA

2006-10

1.5.2 SPA classification act (URI or free text)

D.G.R. n.76-2950 del 22/05/2006

1.5.3 Date site first proposed as SCI

1995-09

Date confirmed as SCI

populated by EEA on behalf of the European Commission

1.5.4 Date site designated as SAC

2017-11

1.5.5 SAC designation act (URI or free text)

<https://www.gazzettaufficiale.it/eli/gu/2017/12/04/283/sg/pdf>

1.5.6 Explanations (optional)

2. Site location

2.1 Location calculated by the European Environment Agency

Longitude

calculated by the EEA after release in
Reportnet 3

Latitude

calculated by the EEA after release in Reportnet 3

2.1.1 Area (ha)

9549

2.1.2 Reason for area difference with spatial dataset (if any)

2.1.3 Reason for area difference – explanations

2.2 Administrative region (optional)

2.2.1 Administrative region code	2.2.2 Administrative region name
ITC1	PIEMONTE

2.3 Biogeographical and marine regions

2.3.1 Region code	2.3.2 Percentage	Fully marine SCI/SAC (100 %) must be attributed to a biogeographical
Mediterranean	100	Mediterranean

3. Ecological information

3.1 Habitat types of Annex I of council directive 92/43/EEC present on the site

3.1.a Essential information (habitat type)

Annex I habitat types							
3.1.1 Code	Name	3.1.2 Priority form	3.1.3 Not present	3.1.4 Cover [ha]	3.1.5 Caves [number]	3.1.6 Method cover	3.1.7 Last data collection
3140	Hard oligo-mesotrophic waters with benthic vegetation of Chara spp.	No		0.5		complete	
3240	Alpine rivers and their ligneous vegetation with Salix elaeagnos	No		50		complete	
4030	European dry heaths	No		477.6		complete	
5130	Juniperus communis formations on heaths or calcareous grasslands	No		48		complete	
6130	Calaminarian grasslands of the Violetalia calaminariae	No		0.1		complete	
6210	Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)	Yes		1546		complete	
6410	Molinia meadows on calcareous, peaty or clayey-silt-laden soils (Molinion caeruleae)	No		0.3		complete	
6430	Hydrophilous tall herb fringe communities of plains and of the montane to alpine levels	No		10		complete	
6510	Lowland hay meadows (Alopecurus pratensis, Sanguisorba officinalis)	No		144		complete	

7150	Depressions on peat substrates of the Rhynchosporion	No	9.55	complete
7210	Calcareous fens with Cladium mariscus and species of the Caricion davallianae	No	0.5	complete
7230	Alkaline fens	No	9.55	complete
8130	Western Mediterranean and thermophilous scree	No	50	complete
8220	Siliceous rocky slopes with chasmophytic vegetation	No	477.6	complete
9110	Luzulo-Fagetum beech forests	No	162.38	complete
9180	Tilio-Acerion forests of slopes, screes and ravines	No	4.86	complete
91E0	Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)	No	5	complete
9210	Apennine beech forests with Taxus and Ilex	No	191.04	complete
9260	Castanea sativa woods	No	1681.15	complete

Priority Form: For habitat types 6210, 7130, 9430 priority depends on the habitat characteristics. Indicated as Yes/No.

Not Present: Indicates whether the habitat type is no longer present (noLongerPresent) on the site, or its re-establishment is planned (reEstablishment).

Cover: Shows the size of habitat type as decimal values.

Caves: For habitat types 8310 and 8330 (caves), the number of caves can be entered when a surface area is not available or appropriate.

Method used for cover: Method used for cover: complete = complete survey or a statistically robust estimate; limited = based mainly on extrapolation from a limited amount of data; insufficient = insufficient or no data available

Last data collection: Date or period of the last data collection.

3.1.b Site assessment (habitat type)

3.1.1		3.1.2	3.1.8	3.1.9	3.1.10	3.1.12.1	3.1.12.2	3.1.12.3	3.1.13	3.1.14	3.1.15	3.1.16
Code	Name	Priority form	Significance	Representativity	Relative surface	Conservation	Conservation area	Conservation method	Conservation objectives	Objectives further explanation	Global	Update date
3140	Hard oligo-mesotrophic waters with benthic vegetation of Chara spp.	No	significant	C	C Calcolata come rapporto tra il valore di F_3_1_4_habitat_cover e la superficie complessiva nazionale riportata nel V Rapporto ai sensi de ll'articolo 17	B					B	202412
3240	Alpine rivers and their ligneous vegetation with Salix elaeagnos	No	significant	B	C Calcolata come rapporto tra il valore di F_3_1_4_habitat_cover e la superficie complessiva nazionale riportata nel V Rapporto ai sensi de ll'articolo 17	B					C	202412

4030	European dry heaths	No	significant	A	B Calcolata come rapporto tra il valore di F_3_1_4_habitat_cover e la superficie complessiva nazionale riportata nel V Rapporto ai sensi de ll'articolo 17	A	A	202512
5130	Juniperus communis formations on heaths or calcareous grasslands	No	significant	B	C Calcolata come rapporto tra il valore di F_3_1_4_habitat_cover e la superficie complessiva nazionale riportata nel V Rapporto ai sensi de ll'articolo 17	B	B	202412

6130	Calaminarian grasslands of the Violetalia calaminariae	No	significant	C	C	B	C	202512
					Calcolata come rapporto tra il valore di F_3_1_4_habitat_cover e la superficie complessiva nazionale riportata nel V Rapporto ai sensi de ll'articolo 17			
6210	Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)	Yes	significant	B	C	B	B	202412
					Calcolata come rapporto tra il valore di F_3_1_4_habitat_cover e la superficie complessiva nazionale riportata nel V Rapporto ai sensi de ll'articolo 17			

6410	Molinia meadows on calcareous, peaty or clayey-silt-laden soils (Molinion caeruleae)	No	significant	C	C Calcolata come rapporto tra il valore di F_3_1_4_habitat_cover e la superficie complessiva nazionale riportata nel V Rapporto ai sensi de ll'articolo 17	A	B	202512
6430	Hydrophilous tall herb fringe communities of plains and of the montane to alpine levels	No	significant	C	C Calcolata come rapporto tra il valore di F_3_1_4_habitat_cover e la superficie complessiva nazionale riportata nel V Rapporto ai sensi de ll'articolo 17	B	C	202412

6510	Lowland hay meadows (Alopecurus pratensis, Sanguisorba officinalis)	No	significant	A	C Calcolata come rapporto tra il valore di F_3_1_4_habitat_cover e la superficie complessiva nazionale riportata nel V Rapporto ai sensi de ll'articolo 17	A	B	202412
7150	Depressions on peat substrates of the Rhynchosporion	No	significant	B	A4 Calcolata come rapporto tra il valore di F_3_1_4_habitat_cover e la superficie complessiva nazionale riportata nel V Rapporto ai sensi de ll'articolo 17	B	B	202512

7210	Calcareous fens with <i>Cladium mariscus</i> and species of the <i>Caricion davallianae</i>	No	significant	C	C Calcolata come rapporto tra il valore di F_3_1_4_habitat_cover e la superficie complessiva nazionale riportata nel V Rapporto ai sensi de ll'articolo 17	B	C	202412
7230	Alkaline fens	No	significant	B	C Calcolata come rapporto tra il valore di F_3_1_4_habitat_cover e la superficie complessiva nazionale riportata nel V Rapporto ai sensi de ll'articolo 17	B	B	202412

8130	Western Mediterranean and thermophilous scree	No	significant	C	C	A	C	202412
					Calcolata come rapporto tra il valore di F_3_1_4_habitat_cover e la superficie complessiva nazionale riportata nel V Rapporto ai sensi de ll'articolo 17			
8220	Siliceous rocky slopes with chasmophytic vegetation	No	significant	B	C	B	B	202412
					Calcolata come rapporto tra il valore di F_3_1_4_habitat_cover e la superficie complessiva nazionale riportata nel V Rapporto ai sensi de ll'articolo 17			

9110	Luzulo-Fagetum beech forests	No	significant	B	C Calcolata come rapporto tra il valore di F_3_1_ 4_habitat_ cover e la superficie complessi va nazionale riportata nel V Rapporto ai sensi de ll'articolo 17	B	B	20241 2
9180	Tilio-Acerion forests of slopes, scree and ravines	No	significant	C	C Calcolata come rapporto tra il valore di F_3_1_ 4_habitat_ cover e la superficie complessi va nazionale riportata nel V Rapporto ai sensi de ll'articolo 17	B	C	20241 2

91E0	Alluvial forests with <i>Alnus glutinosa</i> and <i>Fraxinus excelsior</i> (Alno-Padion, <i>Alnion incanae</i> , <i>Salicion albae</i>)	No	significant	B	C Calcolata come rapporto tra il valore di F_3_1_4_habitat_cover e la superficie complessiva nazionale riportata nel V Rapporto ai sensi de ll'articolo 17	B	C	202412
9210	Apennine beech forests with <i>Taxus</i> and <i>Ilex</i>	No	significant	B	C Calcolata come rapporto tra il valore di F_3_1_4_habitat_cover e la superficie complessiva nazionale riportata nel V Rapporto ai sensi de ll'articolo 17	C	B	202412

9260	Castanea sativa woods	No	significant	C	C	C	202412
C Calcolata come rapporto tra il valore di F_3_1_ 4_habitat_ cover e la superficie complessi va nazionale riportata nel V Rapporto ai sensi de ll'articolo 17							

Priority Form: For habitat types 6210, 7130, 9430 priority depends on the habitat characteristics. Indicated as Yes/No.

Significance: Indicates if the occurrence is significant or not.

Representativity: Degree of representativity of the habitat type on the site: A = excellent; B = good; C = significant

Relative Surface: Area of the site covered by the habitat type in relation to the total area covered by that habitat type within the national territory, assigned to following percentage classes: A1 = 75-100%; A2 = 50-75%; A3 = 25-50%; A4 = 15-25%; B = 2-15%; C = smaller than 2%.

Conservation: Degree of conservation: A = excellent (nearly all of the habitat area in good condition); B = good (most of the habitat area in good condition); C = reduced (most of the habitat area in not good condition); X = unknown (most or all of the habitat area in unknown condition).

Conservation area: Area of conservation degree categories in good (A + B), not good (C), unknown (X) conditions as hectare values.

Conservation method: Method used for degree of conservation: complete = Complete survey or statistically robust estimate in hectares (for example taken from mapping in management plans); limited = Based mainly on extrapolation from a limited amount of data (expert judgement); veryLimited = Based mainly on expert opinion with very limited data (based on partial mapping data); insufficient = Insufficient or no data available.

Conservation objectives: prevent = Prevent deterioration; maintain = Maintain the habitat type's surface area and its good condition; enlarge = Enlarge the area of the habitat type; improve = Improve the habitat type condition; reestablish = Re-establish the habitat type; other = Other.

Global: Global assessment of the habitat type in the site: A = excellent; B = good; C = significant.

Updated date: Date or period of the last update.

3.2 Species referred to in Article 4 of Directive 2009/147/EC and species listed in Annex II to Directive 92/43/EEC present on the site

3.2.a Essential information (species)

Species	Population in the site
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3.2.1	3.2.2		3.2.4	3.2.5	3.2.6	3.2.7.1	3.2.7.1	3.2.7.2	3.2.8	3.2.9	3.2.10
Group	Code	Scientific name	Sensitive	Not present	Type	Size min	Size max	Unit	Abundance	Mehod Populaton size	Last data collection
A	1175	Salamandrina terdigitata	yes		p	2	2	localities		complete	
A	6211	Speleomantis strinatii			p	3	3	localities		complete	
A	1167	Triturus carnifex			p	1	1	localities		complete	
B	A085	Accipiter gentilis			p				P	insufficient	
B	A079	Aegypius monachus			c				V	insufficient	
B	A247	Alauda arvensis			r				P	insufficient	
B	A229	Alcedo atthis			p				P	insufficient	
B	A110	Alectoris rufa			p				P	insufficient	
B	A255	Anthus campestris			r	10	15	p		complete	
B	A091	Aquila chrysaetos			c	2	4	i		complete	
B	A221	Asio otus			r				R	insufficient	
B	A215	Bubo bubo			r				P	insufficient	
B	A243	Calandrella brachydactyla			c				V	insufficient	
B	A224	Caprimulgus europaeus			r	50	60	p		complete	
B	A030	Ciconia nigra			c	1	5	i		complete	
B	A080	Circaetus gallicus			r	2	4	p		complete	
B	A080	Circaetus gallicus			c	1	20	i		complete	
B	A081	Circus aeruginosus			c	100	200	i		complete	

B	A082	Circus cyaneus	c	5	10	i		complete
B	A082	Circus cyaneus	w	1	2	i		complete
B	A084	Circus pygargus	c	5	10	i		complete
B	A231	Coracias garrulus	c				V	insufficient
B	A026	Egretta garzetta	c				P	insufficient
B	A379	Emberiza hortulana	r	1	5	p		complete
B	A727	Eudromias morinellus	c	1	5	i		complete
B	A098	Falco columbarius	c				V	insufficient
B	A100	Falco eleonora	c	1	1	i		complete
B	A095	Falco naumanni	c	1	5	i		complete
B	A103	Falco peregrinus	w	1	1	i		complete
B	A103	Falco peregrinus	c	1	5	i		complete
B	A099	Falco subbuteo	c				P	insufficient
B	A097	Falco vespertinus	c	1	5	i		complete
B	A127	Grus grus	c				V	insufficient
B	A078	Gyps fulvus	c	3	3	i		complete
B	A092	Hieraaetus pennatus	c	1	2	i		complete
B	A022	Ixobrychus minutus	c				P	insufficient
B	A233	Jynx torquilla	c				P	insufficient

B	A338	Lanius collurio	r	1	5	p		complete
B	A339	Lanius minor	c	1	5	i		complete
B	A246	Lullula arborea	r	40	50	p		complete
B	A073	Milvus migrans	c	50	100	i		complete
B	A074	Milvus milvus	c	1	5	i		complete
B	A280	Monticola saxatilis	r				P	insufficient
B	A319	Muscicapa striata	r				P	insufficient
B	A077	Neophron percnopterus	c	1	1	i		complete
B	A023	Nycticorax nycticorax	c				P	insufficient
B	A094	Pandion haliaetus	c	1	5	i		complete
B	A072	Pernis apivorus	c	800	1000	i		complete
B	A072	Pernis apivorus	r	5	5	p		complete
B	A274	Phoenicurus phoenicurus	r				P	insufficient
B	A155	Scolopax rusticola	c				P	insufficient
B	A210	Streptopelia turtur	r				P	insufficient
B	A304	Sylvia cantillans	r				P	insufficient
B	A574	Sylvia curruca	c				P	insufficient
B	A570	Sylvia hortensis	r				P	insufficient
B	A302	Sylvia undata	p				P	insufficient

B	A333	Tichodroma muraria	w				P	insufficient
B	A166	Tringa glareola	c				P	insufficient
B	A165	Tringa ochropus	c				P	insufficient
B	A213	Tyto alba	p				P	insufficient
B	A232	Upupa epops	c				P	insufficient
F	5086	Barbus caninus	p	8	8	localities		complete
F	1137	Barbus plebejus	p	6	6	localities		complete
F	5304	Cobitis bilineata	p	5	5	localities		complete
F	5962	Protochondrostoma genei	p	2	2	localities		complete
F	5331	Telestes muticellus	p	11	11	localities		complete
I	1092	Austropotamobius pallipes	p	9	9	grids1x1		veryLimited
I	1088	Cerambyx cerdo	p				P	insufficient
I	1074	Eriogaster catax	p	1	1	localities		veryLimited
I	1065	Euphydryas aurinia	p	4	4	localities		limited
I	6199	Euplagia quadripunctaria	p				P	insufficient
I	1083	Lucanus cervus	p				P	insufficient
I	1041	Oxygastra curtisii	p				P	insufficient
M	1308	Barbastella barbastellus	p				P	insufficient
M	1352	Canis lupus	p	1	2	p		complete

M	1307	Myotis blythii	p				P	insufficient
M	1321	Myotis emarginatus	c				R	insufficient
M	1324	Myotis myotis	p				P	insufficient
M	1304	Rhinolophus ferrumequinum	p	10	15	i		complete
M	1303	Rhinolophus hipposideros	p				R	insufficient
P	1474	Aquilegia bertolonii	p	160	160	i		complete
P	4096	Gladiolus palustris	p	1	1	localities		veryLimited

Group: The taxonomic group to which the species belongs: A = Amphibians; B = Birds; F = Fish; Fu = Fungi; I = Invertebrates; L = Lichens; M = Mammals; P = Plants including bryophytes and algae; R = Reptiles.

Sensitive: Species indicated with “true” are classified as sensitive.

Not Present: Indicates whether the species is no longer present (noLongerPresent) on the site, or its re-establishment is planned (reEstablishment).

Type: Population type of species in the site: p = Permanent: to be found throughout the year on the site (non-migratory species, plants, resident population of migratory species); r = Reproducing: uses the site to raise young (e.g. breeding, nesting); c = Concentration: site used for staging or roosting or migration stop/over or for moulting outside the breeding grounds and excluding wintering; w = Wintering: uses the site during the winter.

Unit: The unit of population size values, the standard is i = individuals, p = pairs. For exceptions see reference portal.

Abundance: Abundance category to be provided if no number of population size is available: C = Common; R = Rare, V = Very rare; P = Present.

Method Population size: Method used for population size: complete = complete survey or a statistically robust estimate; limited = based mainly on extrapolation from a limited amount of data; veryLimited = Based mainly on expert opinion with very limited data; insufficient = insufficient or no data available.

Last data collection: Date or period of the last data collection.

3.2.b Site assessment (species)

3.2.1 Group	3.2.2 Code	3.2.3 Scientific Name	3.2.6 Type	3.2.11 Significance	3.2.12 SPA classification	3.2.13 Population	3.2.14 Population further explanation	3.2.15 Conservation	3.2.15.2 Conservation occupied % area (optional)	3.2.15.3 Conservation occupied % class	3.2.16 Conservation objectives	3.2.17 Objectives further explanation	3.2.18 Isolation	3.2.19 Global	3.2.20 Update date
A	1175	Salamandra atra digitata	p	significant		C		C					B	C	202412
A	6211	Speleomantes strinatii	p	significant		C		A					C	A	202412
A	1167	Triturus carnifex	p	significant		C		B					C	B	202412
B	A085	Accipiter gentilis	p	significant		C		A					C	A	202412
B	A079	Aegypius monachus	c	non-significant											202412
B	A247	Alauda arvensis	r	significant		C		B					C	B	202412
B	A229	Alcedo atthis	p	significant		C		B					C	B	202412
B	A110	Alectoris rufa	p	significant		C		B					B	C	202412
B	A255	Anthus campestris	r	significant		C		B					C	B	202412
B	A091	Aquila chrysaetos	c	significant		C		B					B	B	202412
B	A221	Asio otus	r	significant		C		B					C	C	202412
B	A215	Bubo bubo	r	significant		C		B					C	C	202412

B	A243	Calandrella brachydactyla	c	non-significant						202412
B	A224	Caprimulgus europaeus	r	significant	B	B		C	B	202412
B	A030	Ciconia nigra	c	significant	C	B		B	B	202412
B	A080	Circus gallicus	r	significant	B	B		C	B	202412
B	A080	Circus gallicus	c	significant	B	B		C	B	202412
B	A081	Circus aeruginosus	c	significant	C	B		B	B	202412
B	A082	Circus cyaneus	c	significant	C	B		B	B	202412
B	A082	Circus cyaneus	w	significant	C	B		B	B	202412
B	A084	Circus pygargus	c	significant	C	B		B	B	202412
B	A231	Coracias garrulus	c	non-significant						202412
B	A026	Egretta garzetta	c	non-significant						202412
B	A379	Emberiza hortulana	r	significant	C	A		C	B	202412
B	A727	Eudromias morinellus	c	significant	C	B		C	B	202412
B	A098	Falco columbarius	c	non-significant						202412
B	A100	Falco eleonorae	c	significant	C	B		B	B	202412
B	A095	Falco naumanni	c	significant	C	B		B	B	202412

B	A103	Falco peregrinus	w	significant	C	B	B	202412
B	A103	Falco peregrinus	c	significant	C	B	B	202412
B	A099	Falco subbuteo	c	significant	C	B	C	202412
B	A097	Falco verispertinus	c	significant	C	B	B	202412
B	A127	Grus grus	c	non-significant				202412
B	A078	Gyps fulvus	c	significant	C	B	B	202412
B	A092	Hieraaetus pennatus	c	significant	C	B	B	202412
B	A022	Ixobrychus minutus	c	significant	C	C	C	202412
B	A233	Jynx torquilla	c	significant	C	B	C	202412
B	A338	Lanius collurio	r	significant	C	B	C	202412
B	A339	Lanius minor	c	significant	C	B	B	202412
B	A246	Lullula arborea	r	significant	B	B	C	202412
B	A073	Milvus migrans	c	significant	B	B	C	202412
B	A074	Milvus milvus	c	significant	C	B	B	202412
B	A280	Monticola saxatilis	r	significant	C	B	C	202412
B	A319	Muscicapa striata	r	significant	C	B	C	202412

B	A077	Neophron percnopterus	c	significant	C	B	B	202412
B	A023	Nycticorax nycticorax	c	non-significant				202412
B	A094	Pandion haliaetus	c	significant	C	B	B	202412
B	A072	Pernis apivorus	c	significant	C	A	C	202412
B	A072	Pernis apivorus	r	significant	C	A	C	202412
B	A274	Phoenicurus phoenicurus	r	significant	C	B	C	202412
B	A155	Scolopax rusticola	c	significant	C	B	B	202412
B	A210	Streptopelia turtur	r	significant	C	B	C	202412
B	A304	Sylvia cantillans	r	significant	C	B	B	202412
B	A574	Sylvia curruca	c	non-significant				202412
B	A570	Sylvia hortensis	r	significant	C	B	B	202412
B	A302	Sylvia undata	p	significant	C	B	B	202412
B	A333	Tichodroma muraria	w	significant	C	B	C	202412
B	A166	Tringa glareola	c	non-significant				202412
B	A165	Tringa ochropus	c	non-significant				202412
B	A213	Tyto alba	p	significant	C	B	B	202412

B	A23 2	Upupa epops	c	non-significant						20241 2
F	5086	Barbus caninus	p	significant	C	C		C	B	20241 2
F	1137	Barbus plebejus	p	significant	C	B		C	B	20241 2
F	5304	Cobitis bilineata	p	significant	C	B		C	B	20241 2
F	5962	Protocho ndrostom a genei	p	significant	C	B		C	B	20241 2
F	5331	Telestes muticellu s	p	significant	C	B		C	B	20241 2
I	1092	Austropo tamobius pallipes	p	significant	C	A		C	B	20241 2
I	1088	Ceramby x cerdo	p	significant	C	B		C	B	20241 2
I	1074	Eriogast er catax	p	significant	C	B		C	B	20241 2
I	1065	Euphydr yas aurinia	p	significant	C	A		B	A	20241 2
I	6199	Euplagia quadripu nctaria	p	significant	C	B		C	B	20241 2
I	1083	Lucanus cervus	p	significant	C	B		C	B	20241 2
I	1041	Oxygastr a curtisii	p	significant	C	B		C	B	20241 2
M	1308	Barbaste lla barba stellus	p	significant	C	B		C	B	20241 2
M	1352	Canis lupus	p	significant	C	A		C	B	20241 2
M	1307	Myotis blythii	p	significant	C	B		C	B	20241 2

M	1321	Myotis e marginatus	c	significant	C	B	C	B	202412	
M	1324	Myotis myotis	p	significant	C	B	C	B	202412	
M	1304	Rhinolophus ferrumequinum	p	significant	C	B	C	C	202412	
M	1303	Rhinolophus hipposideros	p	significant	C	B	C	B	202412	
P	1474	Aquilegia bertolonii	p	significant	B	Calcolata come rapporto tra la media dei valori di popolazione riportata per il sito e la popolazione complessiva nazionale riportata nel V Rapporto ai sensi dell'articolo 17	A	C	A	202512
P	4096	Gladiolus palustris	p	significant	C	B	C	B	202412	

Group: The taxonomic group to which the species belongs: A = Amphibians; B = Birds; F = Fish; Fu = Fungi; I = Invertebrates; L = Lichens; M = Mammals; P = Plants including bryophytes and algae; R = Reptiles.

Significance: Indicates if the occurrence is significant or not.

SPA classification: Alndicate if the bird species met the ornithological criteria used to justify SPA classification.

Population: Size and density of the population of the species present on the site in relation to the populations present within national territory, assigned to following percentage classes: A1 = 75-100%; A2 = 50-75%; A3 = 25-50%; A4 = 15-25%; B = 2-15%; C = smaller than 2%.

Conservation: Degree of conservation: A = excellent (nearly all of the habitat occupied by the species has sufficient quality); B = good (most of the habitat occupied by the species has sufficient quality); C = reduced (most of the habitat occupied by the species has non-sufficient quality); X = unknown (most of the habitat occupied by the species has unknown quality).

Conservation objectives: prevent = Prevent deterioration; maintain = Maintain the extent and good quality of the habitat of the species and the population size; enlarge = Enlarge area of the habitat of the species; improve = Improve the quality of the habitat of the species (considering also disturbance and mortality factors); reestablish = Re-establish habitat for the species; increase = Increase the population size; reduce = Reduce pressure on the population (e.g. reduce mortality or disturbance); reestablishPopulation = Re-establish the population at the site; other = Other.

Isolation: Degree of isolation: A = population (almost) isolated, B = population not-isolated, but on the margins of are of distribution, C = population not-isolated within extended distribution range.

Global: Global assessment of the species in the site: A = excellent; B = good; C = significant.

Global: Date or period of the last update.

3.3 Other important species of flora and fauna (optional)

3.3.1 Group	3.3.2 Code	3.3.3 Scientific name	3.3.4 Sensitive	3.3.5 Not present	3.3.6.1 Size min	3.3.6.1 Size max	3.3.6.2 Population unit	3.3.7 Abundance
A		Bufo bufo		no				P
A	1209	Rana dalmatina		no				P
A	1206	Rana italica		no				R
A	1213	Rana temporaria		no				P
A		Salamandra salamandra		no				P
A		Triturus alpestris		no				P
B	A378	Emberiza cia		no				P
B	A235	Picus viridis		no				P
B	A276	Saxicola torquatus		no				P
F		Alburnus alburnus		no				R
F		Perca fluviatilis		no				C

I		<i>Arethusana arethusa</i>	no	P
I		<i>Brintesia circe</i>	no	P
I		<i>Calosoma sycophanta</i>	no	P
I		<i>Carabus italicus</i>	no	P
I		<i>Carabus rossii</i>	no	P
I		<i>Carabus solieri</i>	no	P
I		<i>Clonopsis gallica</i>	no	R
I		<i>Cychrus italicus</i>	no	P
I		<i>Empusa pennata</i>	no	V
I		<i>Erebia aethiops</i>	no	P
I		<i>Helix aspersa</i>	no	P
I		<i>Hipparchia fagi</i>	no	P
I		<i>Metaplastes pulchripennis</i>	no	V
I		<i>Mogoplistes brunneus</i>	no	V
I		<i>Molops medius</i>	no	P
I		<i>Nebria tibialis</i>	no	P
I		<i>Pteronemobius lineolatus</i>	no	V
I	1050	<i>Saga pedo</i>	no	P
I	1053	<i>Zerynthia polyxena</i>	no	P
M		<i>Apodemus flavicollis</i>	no	P
M		<i>Capreolus capreolus</i>	no	P
M		<i>Crocidura leucodon</i>	no	P
M		<i>Eliomys quercinus</i>	no	P
M	1327	<i>Eptesicus serotinus</i>	no	P

M		Glis glis	no	P
M	5365	Hypsugo savii	no	P
M		Lepus europaeus	no	P
M	1334	Lepus timidus	no	P
M		Martes foina	no	P
M		Meles meles	no	P
M	1341	Muscardinus avellanarius	no	P
M		Mustela nivalis	no	P
M	1314	Myotis daubentonii	no	P
M	1330	Myotis mystacinus	no	P
M	1322	Myotis nattereri	no	P
M		Neomys fodiens	no	P
M	1331	Nyctalus leisleri	no	P
M	1312	Nyctalus noctula	no	P
M	2016	Pipistrellus kuhlii	no	P
M	1317	Pipistrellus nathusii	no	P
M	1309	Pipistrellus pipistrellus	no	P
M	5009	Pipistrellus pygmaeus	no	P
M	1329	Plecotus austriacus	no	P
M		Sciurus vulgaris	no	P
M		Sorex araneus	no	P
M		Sorex minutus	no	P
M	1333	Tadarida teniotis	no	P
P		Allium suaveolens	no	P
P		Cirsium tuberosum (L.) All.	no	P

P		<i>Euphorbia hyberna</i> L. ssp. <i>insularis</i> (Boiss.) Briq.	no	P
P	1866	<i>Galanthus nivalis</i>	no	R
P		<i>Gentiana</i> <i>pneumonanthe</i> L.	no	P
P		<i>Rhynchospora alba</i> (L.) Vahl	no	P
P		<i>Rosa jundzillii</i> Besser	no	P
P	1849	<i>Ruscus aculeatus</i>	no	P
P		<i>Salix</i> <i>hegetschweileri</i> Heer	no	P
P		<i>Tulipa australis</i> Link	no	P
P		<i>Viola bertolonii</i> Pio emend. Merxm. et Lippert	no	P
R		<i>Anguis fragilis</i>	no	P
R		<i>Chalcides</i> <i>chalcides</i>	no	P
R	1283	<i>Coronella austriaca</i>	no	P
R		<i>Coronella girondica</i>	no	P
R	5670	<i>Hierophis</i> <i>viridiflavus</i>	no	P
R	5179	<i>Lacerta bilineata</i>	no	C
R		<i>Natrix maura</i>	no	P
R		<i>Natrix natrix</i>	no	P
R	1292	<i>Natrix tessellata</i>	no	P
R	1256	<i>Podarcis muralis</i>	no	P
R		<i>Vipera aspis</i>	no	P
R	6091	<i>Zamenis</i> <i>longissimus</i>	no	P

Group: The taxonomic group to which the species belongs: A = Amphibians; B = Birds; F = Fish; Fu = Fungi; I = Invertebrates; L = Lichens; M = Mammals; P = Plants including bryophytes and algae; R = Reptiles.

Code: For Birds, Annex II, IV and V species the code from the official code list as provided in the reference portal..

Sensitive: Species indicated with “true” are classified as sensitive.

Not present: Indicates whether the species is no longer present (noLongerPresent) on the site.

Unit: The unit of population size values, the standard is i = individuals, p = pairs. For exceptions see reference portal.

Abundance: Abundance category to be provided if no number of population size is available: C = Common; R = Rare, V = Very rare; P = Present.

3.3.8 Motivation

Code	Name	H.D. Annex II	H.D. Annex IV	H.D. Annex V	B.D. Annex I	Migrat. birds	CFP prohib.	National red list	EU red list	Global red list	Endemic species	Int. conv.	H.D. Annex I	CWR/ FRG	IAS Union	Other reason
	Alburnus alburnus										X					X
	Allium suaveolens							X								
	Anguis fragilis											X				
	Apodemus flavicollis															X
	Arethusana arethusana															X
	Brintesia circe															X
	Bufo bufo											X				
	Calosoma sycophanta											X				
	Capreolus capreolus											X				
	Carabus italicus							X								

Code	Name	H.D. Annex II	H.D. Annex IV	H.D. Annex V	B.D. Annex I	Migrat. birds	CFP prohib.	National red list	EU red list	Global red list	Endemic species	Int. conv.	H.D. Annex I	CWR/ FRG	IAS Union	Other reason
	Carabus rossii							X								
	Carabus solieri										X					
	Chalcides chalcides											X				
	Cirsium tuberosum (L.) All.							X								
	Clonopsisgallica															X
1283	Coronella austriaca		X													
	Coronella girondica											X				
	Crocidura leucodon											X				
	Cychrus italicus										X					
	Eliomys quercinus											X				
A378	Emberiza cia					X						X				
	Empusa pennata															X
1327	Eptesicus serotinus		X													
	Erebia aethiops															X

Code	Name	H.D. Annex II	H.D. Annex IV	H.D. Annex V	B.D. Annex I	Migrat. birds	CFP prohib.	National red list	EU red list	Global red list	Endemic species	Int. conv.	H.D. Annex I	CWR/ FRG	IAS Union	Other reason
	Euphorbia hyberna L. ssp. insularis (Boiss.) Briq.							X								
1866	Galanthus nivalis			X												
	Gentiana pneumonanthe L.							X								
	Glis glis											X				
	Helix aspersa															X
5670	Hierophis viridiflavus		X													
	Hipparchia fagi															X
5365	Hypsugo savii		X													
5179	Lacerta bilineata		X													
	Lepus europaeus											X				
1334	Lepus timidus			X												
	Martes foina											X				
	Meles meles											X				
	Metaplastes pulchripennis															X
	Mogoplistes brunneus															X

Code	Name	H.D. Annex II	H.D. Annex IV	H.D. Annex V	B.D. Annex I	Migrat. birds	CFP prohib.	National red list	EU red list	Global red list	Endemic species	Int. conv.	H.D. Annex I	CWR/ FRG	IAS Union	Other reason
	Molops medius															X
1341	Musccardinus avellanarius		X													
	Mustela nivalis											X				
1314	Myotis daubentonii		X													
1330	Myotis mystacinus		X													
1322	Myotis nattereri		X													
	Natrix maura											X				
	Natrix natrix											X				
1292	Natrix tessellata		X													
	Nebria tibialis															X
	Neomys fodiens											X				
1331	Nyctalus leisleri		X													
1312	Nyctalus noctula		X													
	Perca fluviatilis							X								X
A235	Picus viridis					X						X				
2016	Pipistrellus kuhlii		X													
1317	Pipistrellus nathusii		X													

Code	Name	H.D. Annex II	H.D. Annex IV	H.D. Annex V	B.D. Annex I	Migrat. birds	CFP prohib.	National red list	EU red list	Global red list	Endemic species	Int. conv.	H.D. Annex I	CWR/ FRG	IAS Union	Other reason
1309	Pipistrellus pipistrellus		X													
5009	Pipistrellus pygmaeus		X													
1329	Plecotus austriacus		X													
1256	Podarcis muralis		X													
	Pteronemobius lineolatus															X
1209	Rana dalmatina		X													
1206	Rana italica		X													
1213	Rana temporaria			X												
	Rhynchospora alba (L.) Vahl							X								
	Rosa jundzillii Besser							X								
1849	Ruscus aculeatus			X												
1050	Saga pedo		X													
	Salamandra salamandra											X				

Code	Name	H.D. Annex II	H.D. Annex IV	H.D. Annex V	B.D. Annex I	Migrat. birds	CFP prohib.	National red list	EU red list	Global red list	Endemic species	Int. conv.	H.D. Annex I	CWR/ FRG	IAS Union	Other reason
	Salix hegetschweileri Heer							X								
A276	Saxicola torquatus					X						X				
	Sciurus vulgaris											X				
	Sorex araneus											X				
	Sorex minutus											X				
1333	Tadarida teniotis		X													
	Triturus alpestris											X				
	Tulipa australis Link							X								
	Viola bertolonii Pio emend. Merxm. et Lippert							X								
	Vipera aspis											X				
6091	Zamenis longissimus		X													
1053	Zerynthia polyxena		X													

Motivation: The motivation for listing additional species: H.D. Annex II = Species of Annex II Habitats Directive in SPA; H.D. Annex IV = Species of Annex IV Habitats Directive; H.D. Annex V = Species of Annex V Habitats Directive; B.D. Annex I = Bird species of Annex I Birds Directive in a pSCI, SCI, SAC; Migratory birds = Migratory bird species in a pSCI, SCI, SAC; CFP prohib. = Prohibited species of Annex I of the Technical Measures Regulation under the common fisheries policy (EU Regulation 2019/1241); Int conv. = Species listed/protected under international Conventions; H.D. Annex I = Typical species of Annex I habitat types; CWR/FRG = Crop Wild Relatives (CWR) / Forest Genetic Resources (FGR); IAS Union = Invasive alien species of Union concern (EU Regulation 1143/2014 on invasive alien species).

4. Site description

4.1 Site characteristics

Vasta area scarsamente antropizzata e prevalentemente boscosa (cedui a prevalenza di rovere e castagno) dell'appennino ligure-piemontese; presenti anche ambienti umidi e praterie montane (in parte ancora sfalciate) con estesi affioramenti rocciosi.

4.2 Quality and importance of the site

Presenti le stazioni di Erica arborea più estese del Piemonte, accanto ad altre specie botaniche prioritarie; elementi faunistici e floristici tipicamente appenninici; notevole importanza per l'avifauna, come area interessata da intenso flusso migratorio pre-riproduttivo di rapaci, in prevalenza.

4.3 Pressures on the site

4.3.1	4.3.2	4.3.3	4.3.4
Pressure code	Rank	Location	Further details
PA05	high	in	
PA07	low	in	
PD02	high	in	
PF02	low	in	
PH05	low	in	
PH08	low	in	
PI01	high	in	
PI02	high	in	
PI04	low	in	
PJ03	low	in	
PJ13	low	in	
PL05	low	in	
PL06	low	in	
PM07	low	in	

Pressure code: Pressure code

Rank: Relative importance of a pressure in the categories high, medium, low.

Location: Indicates where the pressure is located: in = within the site; out = outside of the site; inout = within and outside of the site.

4.3.5 Last update of the information on the pressures on the site

202512

4.4 Documentation

Arillo A., Balletto E., Cagnolaro L., Orsion F., 1975 - Proposte di Riserve Naturali in Liguria. Individuazione delle aree di maggiore interesse faunistico e vegetazionale. Atti 5° Simp. Naz. Cons. Nat. Bari; Abbà G., 1977 - La flora del territorio alla sinistra del Tanaro tra Bra e Asti e tra Alba e Pralormo. Allionia. Torino; Abbà G., 1980 - Contributo alla flora dell'Appennino piemontese. Riv. Piem. St. Nat., 1: 17-68; Abbà G., 1986 - Contributo alla conoscenza della flora dell'Appennino piemontese orientale. Boll. Museo Reg. St. Nat.; Boano G., Sindaco R., 1992 - Distribuzione e status di Rana latastei in Piemonte. Quad. Civ. Staz. Idrobiol.; Carrega M., Silla D., 1995 - Ricerche floristiche nel Novese e nel Tortonese (Provincia di Alessandria, Piemonte Sud Orientale). Parte I. Lycopodiaceae - Araliaceae. Riv. Piem. St. Nat., 16: 17-86; Carregà M., 1983 - Le orchidee di un settore della provincia di Alessandria. Riv. Piem. St. Nat., 4: 207-210; GPSO, 1982/1995 - Resoconto ornitologico per la Regione Piemonte - Valled'Aosta. Riv. Piem. St. Nat. N° 3, 4, 5, 6, 7, 8, 9, 11, 12, 13, 14, 15; Hofmann A., 1960 - Note preliminari su una associazione del Pino marittimo. L'Italia forestale e montana. Firenze; I.P.L.A., 1985 - Piano Naturalistico del Parco Naturale Capanne di Marcarolo. Regione Piemonte. Assessorato Programmazione economica e Pianificazione territoriale. Servizio Parchi naturali. (redatto); Mingozi T., Boano G., Pulcher C. e collab., 1980 ? 1984 - Atlante degli uccelli nidificanti in Piemonte e Val d'Aosta. Mus. Reg. Scienze Nat. (Monografie VIII) Torino; Oberdorfer E., Hofmann A., 1967 - Beitrag zur Kenntnis der Vegetation des Nordapennin. Beitr. natürl. Forsch. Sudiv. Dtl. Karlsruhe;

4.4.1 Link(s)

4.4.2 Last update of the documentation information
202412

5. Site management

5.1 Body responsible for the site management

5.1.1 Name of the organization
Ente di gestione delle aree protette dell'Appennino piemontese

5.1.2 Contact point in the organisation (optional)
No information provided

5.1.3 Postal address
Via Umberto I°, 51 Salita Poggio - 15060 Bosio (AL)

5.1.4 Functional mailbox email address
areeprotetteappenninopiemontese@ruparpiemonte.it

5.1.5 Website with contact information
No information provided

5.2 Management plans

5.2.1 Existence of management plan(s)
Yes

5.2.2 Reference and validity of the management plan(s)

Name of the plan	Link to the plan (URI)	Validity of the plan (start date)	Duration (number of months)
Piano d'area con valore di Piano di gestione di Siti Natura 2000 per la porzione di ZSC/ZPS coincidente con il Parco naturale regionale	http://www.regione.piemonte.it/parche/cms/dati-territoriali-new/aree-protette-e-rn2000/pianificazione-e-norme.html		Undefined

5.2.3 Further explanations

5.3 Conservation measures

5.3.1 Detailed information on measures

Necessary conservation measures are included in the management plan(s)

Necessary conservation measures are described in the following document(s)

5.3.1.b Title	5.3.1.c Link to online resource
Deliberazione n.10-398/2024/XII del 21/11/2024	https://www.regione.piemonte.it/governo/bollettino/abbonati/2024/48/attach/103982024XII21112024.pdf

Further explanations on detailed conservation measures
- Misure di conservazione per la tutela della Rete Natura 2000 del Piemonte - approvate con DGR 55-7222/2023/XI del 12 luglio 2023 - Format Obiettivi e Misure di conservazione sito-specifiche approvati con Deliberazione n.10-398/2024/XII del 21/11/2024 - Piano di gestione

5.3.2 Status of conservation measures

Are the necessary measures established? Are the established measures implemented?

5.4 Management effectiveness

Is the effectiveness of the conservation measures periodically assessed?

Further explanations on detailed conservation measures

6. Geospatial representation of the site

6.1 INSPIRE identifier

6.1.1 Namespace

6.1.2 Local identifier

6.1.3 Version identifier (optional)