

NATURA 2000 - STANDARD DATA FORM

DRAFT exported from Reportnet 3 - [18/12/2025]
Palude di Casalbeltrame (IT1150003 - SPA/SCI)

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1. Site identification

1.1 Site type

C

1.2 Site code

IT1150003

1.3 Site name

Palude di Casalbeltrame

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

2017-05

1.5.5 SAC designation act (URI or free text)

<https://www.gazzettaufficiale.it/eli/gu/2017/06/13/135/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)

651

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
Continental	100	Continental

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		3.1.2	3.1.3	3.1.4	3.1.5	3.1.6	3.1.7
Code	Name	Priority form	Not present	Cover [ha]	Caves [number]	Method cover	Last data collection
3130	Oligotrophic to mesotrophic standing waters with vegetation of the Littorelletea uniflorae and/or of the Isoëto-Nanojuncetea	No		1.5		veryLimited	
91E0	Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)	No		1.114		limited	

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
3130	Oligotrophic to mesotrophic standing waters with vegetation of the Littorelletea uniflorae and/or of the Isoëto-Naumojuncetea	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
91E0	Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)	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

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								
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	1167	Triturus carnifex	yes		p				P	insufficient	
B	A293	Acrocephalus melanopogon			c	1	5	i		complete	
B	A229	Alcedo atthis			w	1	5	i		complete	
B	A229	Alcedo atthis			r	1	1	p		complete	
B	A052	Anas crecca			w	11	50	i		complete	
B	A773	Ardea alba			r				R	insufficient	
B	A773	Ardea alba			w	5	30	i		limited	

B	A029	Ardea purpurea	r	1	1	p	complete
B	A024	Ardeola ralloides	c	10	15	i	complete
B	A021	Botaurus stellaris	w	1	5	i	complete
B	A021	Botaurus stellaris	r	1	2	p	complete
B	A861	Calidris pugnax	c	251	500	i	complete
B	A224	Caprimulgus europaeus	r	1	2	p	limited
B	A080	Circaetus gallicus	c	2	4	i	limited
B	A081	Circus aeruginosus	r	1	1	p	complete
B	A082	Circus cyaneus	w	1	5	i	complete
B	A122	Crex crex	c			V	insufficient
B	A480	Cyanecula svecica	c	2	4	i	limited
B	A026	Egretta garzetta	r	150	160	i	complete
B	A103	Falco peregrinus	c	2	4	i	limited
B	A321	Ficedula albicollis	w	2	4	i	limited
B	A153	Gallinago gallinago	w	11	50	i	complete
B	A127	Grus grus	w	150	160	i	limited
B	A131	Himantopus himantopus	c	20	25	i	limited
B	A022	Ixobrychus minutus	c	1	5	i	complete

B	A022	Ixobrychus minutus	r	1	2	p	complete
B	A338	Lanius collurio	c	2	4	i	veryLimited
B	A152	Lymnocyrtus minimus	w	11	50	i	complete
B	A023	Nycticorax nycticorax	r	100	120	i	complete
B	A034	Platalea leucorodia	w	2	4	i	limited
B	A119	Porzana porzana	c	1	5	i	complete
B	A118	Rallus aquaticus	w	11	50	i	complete
B	A857	Spatula clypeata	c	1	5	i	complete
B	A856	Spatula querquedula	w	11	50	i	complete
B	A166	Tringa glareola	c	100	110	i	complete
B	A164	Tringa nebularia	c	11	50	i	complete
I	1037	Ophiogomphus cecilia	p				V insufficient
P	1428	Marsilea quadrifolia	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	3.2.2	3.2.3	3.2.6	3.2.11	3.2.12	3.2.13	3.2.14	3.2.15	3.2.15.2	3.2.15.3	3.2.16	3.2.17	3.2.18	3.2.19	3.2.20
Group	Code	Scientific Name	Type	Significance	SPA classification	Population	Population further explanation	Conservation	Conservation occupied % area (optional)	Conservation occupied % class	Conservation objectives	Objetives further explanation	Isolation	Global	Update date
A	1167	Triturus carnifex	p	significant		C		B					C	B	202412
B	A293	Acrocephalus melanopogon	c	significant		C		C					C	C	202412
B	A229	Alcedo atthis	w	significant		C		C					C	C	202412
B	A229	Alcedo atthis	r	significant		C		C					C	C	202412
B	A052	Anas crecca	w	significant		C		C					A	B	202412
B	A773	Ardea alba	r	significant		C		C					C	C	202412
B	A773	Ardea alba	w	significant		C		C					C	C	202412
B	A029	Ardea purpurea	r	significant		C		C					A	B	202412
B	A024	Ardeola ralloides	c	non-significant											202412
B	A021	Botaurus stellaris	w	significant		C		B					A	C	202412
B	A021	Botaurus stellaris	r	significant		C		B					A	C	202412
B	A861	Calidris pugnax	c	significant		B		B					C	B	202412
B	A224	Caprimulgus europaeus	r	significant		C		B					C	C	202412

B	A080	Circaetus gallicus	c	non-significant						202412
B	A081	Circus aeruginosus	r	significant	C	C		A	B	202412
B	A082	Circus cyaneus	w	significant	C	B		C	C	202412
B	A122	Crex crex	c	non-significant						202412
B	A480	Cyanecula svecica	c	significant	B	C		C	C	202412
B	A026	Egretta garzetta	r	significant	B	B		C	B	202412
B	A103	Falco peregrinus	c	significant	C	B		B	B	202412
B	A321	Ficedula albicollis	w	significant	C	A		C	B	202412
B	A153	Gallinago gallinago	w	significant	C	C		C	C	202412
B	A127	Grus grus	w	significant	C	C		C	C	202412
B	A131	Himantopus himantopus	c	significant	C	C		C	C	202412
B	A022	Ixobrychus minutus	c	significant	C	C		A	C	202412
B	A022	Ixobrychus minutus	r	significant	C	C		A	C	202412
B	A338	Lanius collurio	c	significant	C	B		C	C	202412
B	A152	Lymnocyptes minimus	w	significant	C	C		C	C	202412

B	A023	Nycticorax nycticorax	r	significant	B	B	C	B	202412
B	A034	Platalea leucorodia	w	non-significant					202512
B	A119	Porzana porzana	c	significant	C	C	B	C	202412
B	A118	Rallus aquaticus	w	significant	C	C	C	C	202412
B	A857	Spatula clypeata	c	significant	C	C	B	C	202412
B	A856	Spatula querquedula	w	significant	C	C	C	C	202412
B	A166	Tringa glareola	c	significant	B	B	B	B	202412
B	A164	Tringa nebularia	c	significant	C	C	C	C	202412
I	1037	Ophiogomphus cecilia	p	significant	C	C	C	C	202412
P	1428	Marsilea quadrifolia	p	non-significant					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	5358	Hyla intermedia		no	10	50	i	C
A	6976	Pelophylax esculentus		no				P
I		Brenthis daphne		no				P
I		Cupido argiades		no				P
I	1026	Helix pomatia		no	1	5	i	P
I		Limenitis camilla		no				P
I	6182	Sympecma paedisca		no	1	1	p	R
M		Sorex araneus		no				P
P		Hydrocharis morsus-ranae L.		no				P

R	5670	Hierophis viridiflavus	no													C
R		Natrix natrix	no													P
R	1256	Podarcis muralis	no						1		5		i			C

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
	Brenthis daphne															X
	Bufo bufo											X				
	Cupido argiades															X
1026	Helix pomatia			X												
5670	Hierophis viridiflavus		X													
	Hydrocharis morsus-ranae L.															X
5358	Hyla intermedia		X													
	Limenitis camilla															X
	Natrix natrix											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
6976	Pelophylax esculentus			X												
1256	Podarcis muralis		X													
	Sorex araneus											X				
6182	Sympecma paedisca		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

Palude di origine artificiale, almeno in parte, con presenza di canneto e un piccolo lembo di querceto. La palude di Casalbeltrame si trova nella pianura novarese e giace su depositi wurmiani. Gran parte del territorio è coltivato a riso, per cui risulta fittamente solcato da canali e fossi mentre il nucleo centrale di circa 10 ettari è un'area umida seminaturale. L'origine della Palude è artificiale in quanto l'area era stata coltivata a riso fino al 1964

4.2 Quality and importance of the site

Importante zona palustre, in parte artificiale (ex "tesa" di caccia) frequentata da numerose specie di avifauna palustre rare. Rapido interrimento ed evoluzione della vegetazione per drenaggio artificiale. Successivamente disseccata, ma ora in fase di ripristino sulla base di un dettagliato progetto naturalistico. L'area è stata soggetta a lavori di recupero naturalistico negli anni 1996/1998. Sono state create tre macroaree in modo da favorire l'insediamento della fauna. 1) un laghetto grande dove la profondità massima è di 1,50 mt e le sponde sono sinuose e degradanti verso l'acqua in modo dolce. 2) una zona intermedia dove l'acqua è sempre persistente ma non supera i 60/80 cm. In quest'area sono presenti reti di cattura per inanellamento. 3) un'area denominata prato umido che però a causa di livelli presi erroneamente non mantiene l'acqua durante la stagione secca e l'ambiente tende ad evolvere in saliceto. In quest'area con fondi PSR 2007-2013 sono state ricavate ulteriori buche per incentivare la riproduzione di anfibi e odonati

4.3 Pressures on the site

4.3.1	4.3.2	4.3.3	4.3.4
Pressure code	Rank	Location	Further details
PA14	low	in	
PI01	low	in	
PI02	medium	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

GPSO 82 - 95 Resoconto ornitologico per la Regione Piemonte - Valle d'Aosta. Riv. Piem. St. Nat. N° 3, 4, 5, 6, 7,8,9,11,12,13,14,15; I.P.L.A., 1990 ? Piano Naturalistico della Riserva Naturale di Casalbeltrame (Novara). Regione Piemonte. Assessorato ai beni Culturali ed Ambientali, Pianificazione Territoriale, Parchi, Enti Locali. Servizio Parchi Naturali. (approvato); Irrera L., 1985 ? Studio sulla riserva naturale della Palude di Casalbeltrame. Tesi di diploma di specializzazione in conservazione della natura e pianificazione ecologica e territoriale. Università di Pavia.

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 del Ticino e del Lago Maggiore

5.1.2 Contact point in the organisation (optional)

No information provided

5.1.3 Postal address
Villa Picchetta - 28062 Cameri NO

5.1.4 Functional mailbox email address
info@parcoticinolagomaggiore.it

5.1.5 Website with contact information
No information provided

5.2 Management plans

5.2.1 Existence of management plan(s)
Preparation

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)
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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
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Deliberazione n.10-398/2024/XII del 21/11/2024

<https://www.regione.piemonte.it/governo/bollettino/abbonati/2024/48/atta>

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

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)