



Ramsar Information Sheet

Published on 29 March 2017

Update version, previously published on : 1 January 2004

Switzerland Kaltbrunner Riet



Designation date	9 November 1990
Site number	509
Coordinates	47°12'44"N 08°59'05"E
Area	157,00 ha

Color codes

Fields back-shaded in light blue relate to data and information required only for RIS updates.

Note that some fields concerning aspects of Part 3, the Ecological Character Description of the RIS (tinted in purple), are not expected to be completed as part of a standard RIS, but are included for completeness so as to provide the requested consistency between the RIS and the format of a 'full' Ecological Character Description, as adopted in Resolution X.15 (2008). If a Contracting Party does have information available that is relevant to these fields (for example from a national format Ecological Character Description) it may, if it wishes to, include information in these additional fields.

1 - Summary

Summary

The site Kaltbrunner Riet is located in the alluvial plain of the river Linth and covers an area of 157 ha. The site is the last-remaining area of marshland, an ecosystem that once characterized the floodplain between Lake Walen and Lake Zurich. The marshlands disappeared at the beginning of the 19th century when floods were confined by the construction of the Escher and Linth canals. Today, the Kaltbrunner Riet is partially maintained and used as litter meadows and plays a key role in maintaining this traditional type of land-use on the Swiss Plateau. The diversity of habitats is important and includes reed beds, marshland with fens and ponds as well as wet meadows and transitional bogs with and without sphagnum mosses. The site is a haven for many plant and animal species in the intensively cultivated surrounding area and harbors an important diversity rare and endangered species such as amphibians and dragonflies. A total of 31 plant and 90 animal species are listed on the red lists of endangered species in Switzerland and seven plant and 71 animal species are recorded in the IUCN red list. The site is an important breeding or stopover area for many species of waterbirds. The Kaltbrunner Riet is managed by the NGO Pro Natura, which runs a small visitor's center (http://www.pronatura-sg.ch/schutzgebiet_kaltbrunner_riet).

2 - Data & location

2.1 - Formal data

2.1.1 - Name and address of the compiler of this RIS

Compiler 1

Name	Dr. Reinhard Schnidrig
Institution/agency	Federal Office for the Environment FOEN
Postal address	Federal Office for the Environment FOEN Species, Ecosystems, Landscapes Division CH-3003 Bern
E-mail	reinhard.schnidrig@bafu.admin.ch
Phone	+41 58 463 03 07
Fax	+41 58 463 89 74

2.1.2 - Period of collection of data and information used to compile the RIS

From year

To year

2.1.3 - Name of the Ramsar Site

Official name (in English, French or Spanish)

2.1.4 - Changes to the boundaries and area of the Site since its designation or earlier update

(Update) A. Changes to Site boundary Yes No

(Update) B. Changes to Site area No change to area

2.1.5 - Changes to the ecological character of the Site

(Update) 6b i. Has the ecological character of the Ramsar Site (including applicable Criteria) changed since the previous RIS? No

2.2 - Site location

2.2.1 - Defining the Site boundaries

b) Digital map/image
<2 file(s) uploaded>

Former maps

2.2.2 - General location

a) In which large administrative region does the site lie?

b) What is the nearest town or population centre?

2.2.3 - For wetlands on national boundaries only

- a) Does the wetland extend onto the territory of one or more other countries? Yes No
- b) Is the site adjacent to another designated Ramsar Site on the territory of another Contracting Party? Yes No

2.2.4 - Area of the Site

Official area, in hectares (ha):

Area, in hectares (ha) as calculated from GIS boundaries

2.2.5 - Biogeography

Biogeographic regions

Regionalisation scheme(s)	Biogeographic region
Freshwater Ecoregions of the World (FEOW)	Central & Western Europe

Other biogeographic regionalisation scheme

Swiss Plateau (Mitelland) / sub-division: Oriental Plateau

3 - Why is the Site important?

3.1 - Ramsar Criteria and their justification

- Criterion 1: Representative, rare or unique natural or near-natural wetland types

Other reasons

The site is the last-remaining area of marshland, an ecosystem that once characterized the floodplain between Lake Walen and Lake Zurich. The diversity of habitats is important and includes reed beds, marshland with fens and ponds as well as wet meadows and transitional bogs with and without sphagnum mosses. The site is a haven for many plant and animal species in the intensively cultivated surrounding area and harbors an important diversity rare and endangered species such as amphibians and dragonflies.

The Kaltbrunner Riet is of exceptional historico-culturally importance in terms of being the last-remaining landscape characterized by semi-natural spaces and traditional agriculture. It is thereof a high priority to preserve the biophysical, geophysical and cultural features of the site.

- Criterion 2 : Rare species and threatened ecological communities


- Criterion 3 : Biological diversity


























Justification

Located in the former alluvial plain of the river Linth, the site is the last remnant of the marshes that once dominated the area between Lake Walen and Lake Zurich. It now forms an island in the intensively exploited agricultural landscape. The site is strongly influenced by man, including through the exploitation of litter meadows. The Kaltbrunner Riet is a refuge for the protection of plant and animal species, including many rare and endangered plant and animal species. The site is important for migrating shorebirds/waders as well as for several species of rare and endangered breeding birds. The Kaltbrunner Riet was an important nesting site in Central Europe of the black-headed gull (*Larus ridibundus*), but has lost its importance in recent years.

- Criterion 4 : Support during critical life cycle stage or in adverse conditions

3.2 - Plant species whose presence relates to the international importance of the site

Scientific name	Common name	Criterion 2	Criterion 3	Criterion 4	IUCN Red List	CITES Appendix I	Other status	Justification
<i>Allium angulosum</i> 	Mouse Garlic	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	VU (National Red List Ferns and Flowering Plants 2002)	
<i>Anagallis minima</i> 	Chaffweed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	EN (National Red List Ferns and Flowering Plants 2002)	
<i>Bryum gemmiparum</i> 	Bryum Moss	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	CR (National Red List Bryophytes 2004)	
<i>Bryum versicolor</i> 		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	CR (National Red List Bryophytes 2004)	
<i>Caldesia pamassifolia</i> 		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	RE (National Red List Ferns and Flowering Plants 2002)	
<i>Carex buxbaumii</i> 	Buxbaum's Sedge	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	EN (National Red List Ferns and Flowering Plants 2002)	
<i>Carex diandra</i> 	Lesser Panicked Sedge	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LC 	<input type="checkbox"/>	VU (National Red List Ferns and Flowering Plants 2002)	










































Scientific name	Common name	Criterion 2	Criterion 3	Criterion 4	IUCN Red List	CITES Appendix I	Other status	Justification
 <i>Cinclidotus aquaticus</i>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	EN (National Red List Bryophytes 2004)	
 <i>Drosera anglica</i>	Great Sundew	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	VJ (National Red List Ferns and Flowering Plants 2002)	
 <i>Dryopteris cristata</i>	Crested Wood Fern	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	VJ (National Red List Ferns and Flowering Plants 2002)	
 <i>Eriophorum gracile</i>	Slender Cottonsedge	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	EN (National Red List Ferns and Flowering Plants 2002)	
 <i>Fissidens grandifrons</i>	Largeleaf Fissidens Moss	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	EN (National Red List Bryophytes 2004)	
 <i>Fissidens rufulus</i>	Beck Pocket-moss	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	EN (National Red List Bryophytes 2004)	
 <i>Gentiana pneumonanthe</i>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	VJ (National Red List Ferns and Flowering Plants 2002)	exclusive host-plant of <i>Maculinea alcon</i> in the site
 <i>Gladiolus palustris</i>	Marsh Gladiolus	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	EN (National Red List Ferns and Flowering Plants 2002)	
 <i>Gratiola officinalis</i>	Hedge Hyssop	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LC 	<input type="checkbox"/>	VJ (National Red List Ferns and Flowering Plants 2002)	
 <i>Hygroamblystegium fluviatile</i>	Brook-side Feather-moss	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	VJ (National Red List Bryophytes 2004)	
 <i>Hyophila involuta</i>	Hyophila Moss	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	VJ (National Red List Bryophytes 2004)	
 <i>Iris sibirica</i>	Siberian Iris	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	VJ (National Red List Ferns and Flowering Plants 2002)	
 <i>Laserpitium prutenicum</i>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	EN (National Red List Ferns and Flowering Plants 2002)	
 <i>Lathyrus palustris</i>	Marsh Pea	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LC 	<input type="checkbox"/>	VJ (National Red List Ferns and Flowering Plants 2002)	
 <i>Leersia oryzoides</i>	Rice Cutgrass	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	EN (National Red List Ferns and Flowering Plants 2002)	
 <i>Liparis loeselii</i>	Fen Orchid	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	VJ (National Red List Ferns and Flowering Plants 2002)	
 <i>Lysimachia thyrsoiflora</i>	Tufted Loosestrife	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	VJ (National Red List Ferns and Flowering Plants 2002)	
 <i>Nymphaeodes peltata</i>	Fringed Water Lily	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LC 	<input type="checkbox"/>	VJ (National Red List Ferns and Flowering Plants 2002)	
 <i>Pycnus flavescens</i>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LC 	<input type="checkbox"/>	VJ (National Red List Ferns and Flowering Plants 2002)	
 <i>Scorpidium scorpioides</i>	Hooked Scorpion-moss	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	VJ (National Red List Bryophytes 2004)	
 <i>Selinum carvifolia</i>	Cambridge Milk Parsley	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	VJ (National Red List Ferns and Flowering Plants 2002)	














































Scientific name	Common name	Criterion 2	Criterion 3	Criterion 4	IUCN Red List	CITES Appendix I	Other status	Justification
<i>Spiranthes aestivalis</i>	Summer Lady's-tresses	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	VJ (National Red List Ferns and Flowering Plants 2002)	
<i>Thelypteris palustris</i>	Marsh Fern	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LC	<input type="checkbox"/>	VJ (National Red List Ferns and Flowering Plants 2002)	
<i>Utricularia intermedia</i>	Flatleaf Bladderwort	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	EN (National Red List Ferns and Flowering Plants 2002)	
<i>Utricularia minor</i>	Lesser Bladderwort	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LC	<input type="checkbox"/>	VJ (National Red List Ferns and Flowering Plants 2002)	



































The site is a refuge for the protection of plant and animal species, including many rare and endangered species.
















3.3 - Animal species whose presence relates to the international importance of the site

Phylum	Scientific name	Common name	Species qualifies under criterion				Species contributes under criterion				Pop. Size	Period of pop. Est.	% occurrence ¹⁾	IUCN Red List	CITES Appendix I	CMS Appendix I	Other Status	Justification
			2	4	6	9	3	5	7	8								
Birds																		
CHORDATA/AVES	<i>Actitis hypoleucos</i>	Common Sandpiper	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2014		LC	<input type="checkbox"/>	<input type="checkbox"/>	EN (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensively used area
CHORDATA/AVES	<i>Alcedo atthis</i>	Common Kingfisher	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2014		LC	<input type="checkbox"/>	<input type="checkbox"/>	VJ (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensively used area
CHORDATA/AVES	<i>Anas clypeata</i>	Northern Shoveler	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2014		LC	<input type="checkbox"/>	<input type="checkbox"/>	EN (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensively used area
CHORDATA/AVES	<i>Anas crecca</i>	Eurasian Teal	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2014		LC	<input type="checkbox"/>	<input type="checkbox"/>	VJ (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensively used area
CHORDATA/AVES	<i>Anas querquedula</i>	Garganey	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2014		LC	<input type="checkbox"/>	<input type="checkbox"/>	EN (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensively used area
CHORDATA/AVES	<i>Anas strepera</i>	Gadwall	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2014		LC	<input type="checkbox"/>	<input type="checkbox"/>	EN (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensively used area
CHORDATA/AVES	<i>Anthus campestris</i>	Tawny Pipit	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2014		LC	<input type="checkbox"/>	<input type="checkbox"/>	EN (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensively used area
CHORDATA/AVES	<i>Anthus pratensis</i>	Meadow Pipit	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2014		NT	<input type="checkbox"/>	<input type="checkbox"/>	VJ (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensively used area
CHORDATA/AVES	<i>Aquila chrysaetos</i>	Golden Eagle	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2014		LC	<input type="checkbox"/>	<input type="checkbox"/>	VJ (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensively used area
CHORDATA/AVES	<i>Ardea purpurea</i>	Purple Heron	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2014		LC	<input type="checkbox"/>	<input type="checkbox"/>	CR (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensively used area
CHORDATA/AVES	<i>Aythya ferina</i>	Common Pochard	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2014		VU	<input type="checkbox"/>	<input type="checkbox"/>	EN (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensively used area
CHORDATA/AVES	<i>Aythya fuligula</i>	Tufted Duck	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2014		LC	<input type="checkbox"/>	<input type="checkbox"/>	VJ (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensively used area
CHORDATA/AVES	<i>Bubo bubo</i>	Eurasian Eagle-Owl	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2004		LC	<input type="checkbox"/>	<input type="checkbox"/>	EN (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensively used area
CHORDATA/AVES	<i>Bucephala clangula</i>	Common Goldeneye	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2014		LC	<input type="checkbox"/>	<input type="checkbox"/>	VJ (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensively used area

Phylum	Scientific name	Common name	Species qualifies under criterion				Species contributes under criterion				Pop. Size	Period of pop. Est.	% occurrence 1)	IUCN Red List	CITES Appendix I	CMS Appendix I	Other Status	Justification
			2	4	6	9	3	5	7	8								
CHORDATA/ AVES	 <i>Carpodacus erythrinus</i>	Common Rosefinch	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		2014		LC 	<input type="checkbox"/>	<input type="checkbox"/>	VU (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensly used area
CHORDATA/ AVES	 <i>Charadrius dubius</i>	Little Ringed Plover	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		2014		LC 	<input type="checkbox"/>	<input type="checkbox"/>	EN (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensly used area
CHORDATA/ AVES	 <i>Chroicocephalus ridibundus</i>	Black-headed Gull	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		2014			<input type="checkbox"/>	<input type="checkbox"/>	EN (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensly used area
CHORDATA/ AVES	 <i>Ciconia ciconia</i>	White Stork	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		2014		LC 	<input type="checkbox"/>	<input type="checkbox"/>	VU (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensly used area
CHORDATA/ AVES	 <i>Circus aeruginosus</i>	Western Marsh Harrier	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		2014		LC 	<input type="checkbox"/>	<input type="checkbox"/>	VU (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensly used area
CHORDATA/ AVES	 <i>Circus pygargus</i>	Montagu's Harrier	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		2014		LC 	<input type="checkbox"/>	<input type="checkbox"/>	VU (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensly used area
CHORDATA/ AVES	 <i>Corvus monedula</i>	Western Jackdaw	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		2014		LC 	<input type="checkbox"/>	<input type="checkbox"/>	VU (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensly used area
CHORDATA/ AVES	 <i>Crex crex</i>	Corn Crake	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		2013		LC 	<input type="checkbox"/>	<input type="checkbox"/>	CR (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensly used area
CHORDATA/ AVES	 <i>Emberiza calandra</i>	Corn Bunting	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		2013			<input type="checkbox"/>	<input type="checkbox"/>	VU (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensly used area
CHORDATA/ AVES	 <i>Emberiza hortulana</i>	Ortolan Bunting	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		2014		LC 	<input type="checkbox"/>	<input type="checkbox"/>	CR (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensly used area
CHORDATA/ AVES	 <i>Emberiza schoeniclus</i>	Common Reed Bunting	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		2014		LC 	<input type="checkbox"/>	<input type="checkbox"/>	VU (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensly used area
CHORDATA/ AVES	 <i>Gallinago gallinago</i>	Common Snipe	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		2014		LC 	<input type="checkbox"/>	<input type="checkbox"/>	CR (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensly used area
CHORDATA/ AVES	 <i>Hippolais icterina</i>	Icterine Warbler	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		2014		LC 	<input type="checkbox"/>	<input type="checkbox"/>	VU (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensly used area
CHORDATA/ AVES	 <i>Ichthyaetus melanocephalus</i>	Mediterranean Gull	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		2014			<input type="checkbox"/>	<input type="checkbox"/>	VU (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensly used area
CHORDATA/ AVES	 <i>Ixobrychus minutus</i>	Little Bittern	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		2014		LC 	<input type="checkbox"/>	<input type="checkbox"/>	EN (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensly used area
CHORDATA/ AVES	 <i>Lanius excubitor</i>	Great Grey Shrike	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		2014		LC 	<input type="checkbox"/>	<input type="checkbox"/>	RE (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensly used area
CHORDATA/ AVES	 <i>Lanius minor</i>	Lesser Grey Shrike	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		2009		LC 	<input type="checkbox"/>	<input type="checkbox"/>	RE (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensly used area
CHORDATA/ AVES	 <i>Lanius senator</i>	Woodchat Shrike	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		2013		LC 	<input type="checkbox"/>	<input type="checkbox"/>	CR (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensly used area
CHORDATA/ AVES	 <i>Larus canus</i>	Mew Gull	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		2014		LC 	<input type="checkbox"/>	<input type="checkbox"/>	EN (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensly used area
CHORDATA/ AVES	 <i>Lullula arborea</i>	Woodlark	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		2014		LC 	<input type="checkbox"/>	<input type="checkbox"/>	VU (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensly used area
CHORDATA/ AVES	 <i>Luscinia svecica</i>	Bluethroat	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		2014		LC 	<input type="checkbox"/>	<input type="checkbox"/>	VU (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensly used area
CHORDATA/ AVES	 <i>Mergus merganser</i>	Common Merganser	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		2014		LC 	<input type="checkbox"/>	<input type="checkbox"/>	VU (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensly used area

Phylum	Scientific name	Common name	Species qualifies under criterion				Species contributes under criterion				Pop. Size	Period of pop. Est.	% occurrence 1)	IUCN Red List	CITES Appendix I	CMS Appendix I	Other Status	Justification
			2	4	6	9	3	5	7	8								
CHORDATA/AVES	 <i>Meropus apiaster</i>	European Bee-eater	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2014		LC 	<input type="checkbox"/>	<input type="checkbox"/>	EN (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensly used area
CHORDATA/AVES	 <i>Numenius arquata</i>	Eurasian Curlew	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2014		NT 	<input type="checkbox"/>	<input type="checkbox"/>	CR (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensly used area
CHORDATA/AVES	 <i>Nycticorax nycticorax</i>	Black-crowned Night Heron	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2014		LC 	<input type="checkbox"/>	<input type="checkbox"/>	EN (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensly used area
CHORDATA/AVES	 <i>Pandion haliaetus</i>	Osprey	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2014		LC 	<input type="checkbox"/>	<input type="checkbox"/>	RE (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensly used area
CHORDATA/AVES	 <i>Panurus biarmicus</i>	Bearded Reedling	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2014		LC 	<input type="checkbox"/>	<input type="checkbox"/>	VU (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensly used area
CHORDATA/AVES	 <i>Phylloscopus sibilatrix</i>	Wood Warbler	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2014		LC 	<input type="checkbox"/>	<input type="checkbox"/>	VU (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensly used area
CHORDATA/AVES	 <i>Phylloscopus trochilus</i>	Willow Warbler	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2014		LC 	<input type="checkbox"/>	<input type="checkbox"/>	VU (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensly used area
CHORDATA/AVES	 <i>Picus canus</i>	Grey-headed Woodpecker	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2012		LC 	<input type="checkbox"/>	<input type="checkbox"/>	VU (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensly used area
CHORDATA/AVES	 <i>Podiceps nigricollis</i>	Black-necked Grebe	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2009		LC 	<input type="checkbox"/>	<input type="checkbox"/>	VU (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensly used area
CHORDATA/AVES	 <i>Porzana parva</i>	Little Crake	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2014		LC 	<input type="checkbox"/>	<input type="checkbox"/>	VU (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensly used area
CHORDATA/AVES	 <i>Porzana porzana</i>	Spotted Crake	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2014		LC 	<input type="checkbox"/>	<input type="checkbox"/>	VU (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensly used area
CHORDATA/AVES	 <i>Remiz pendulinus</i>	Eurasian Penduline Tit	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2014		LC 	<input type="checkbox"/>	<input type="checkbox"/>	VU (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensly used area
CHORDATA/AVES	 <i>Riparia riparia</i>	Sand Martin	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2014		LC 	<input type="checkbox"/>	<input type="checkbox"/>	VU (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensly used area
CHORDATA/AVES	 <i>Saxicola rubetra</i>	Whinchat	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2014		LC 	<input type="checkbox"/>	<input type="checkbox"/>	VU (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensly used area
CHORDATA/AVES	 <i>Scolopax rusticola</i>	Eurasian Woodcock	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2013		LC 	<input type="checkbox"/>	<input type="checkbox"/>	VU (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensly used area
CHORDATA/AVES	 <i>Tachybaptus ruficollis</i>	Little Grebe	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2014		LC 	<input type="checkbox"/>	<input type="checkbox"/>	VU (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensly used area
CHORDATA/AVES	 <i>Tadorna tadorna</i>	Common Shelduck	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2014		LC 	<input type="checkbox"/>	<input type="checkbox"/>	VU (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensly used area
CHORDATA/AVES	 <i>Tringa totanus</i>	Common Redshank	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2013		LC 	<input type="checkbox"/>	<input type="checkbox"/>	RE (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensly used area
CHORDATA/AVES	 <i>Turdus pilaris</i>	Fieldfare	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2014		LC 	<input type="checkbox"/>	<input type="checkbox"/>	VU (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensly used area
CHORDATA/AVES	 <i>Turdus torquatus</i>	Ring Ouzel	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2013		LC 	<input type="checkbox"/>	<input type="checkbox"/>	VU (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensly used area
CHORDATA/AVES	 <i>Upupa epops</i>	Eurasian Hoopoe	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2014		LC 	<input type="checkbox"/>	<input type="checkbox"/>	VU (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensly used area
CHORDATA/AVES	 <i>Vanellus vanellus</i>	Northern Lapwing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2014		NT 	<input type="checkbox"/>	<input type="checkbox"/>	CR (National Red List Breeding Birds 2010)	Criterion 4: Rare natural habitat in intensly used area
Fish, Mollusc and Crustacea																		
MOLLUSCA/GASTROPODA	 <i>Anisus vorticulus</i>	Ramshorn Snail	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1964			<input type="checkbox"/>	<input type="checkbox"/>	EN (Red List Molluscs 2012)	

Phylum	Scientific name	Common name	Species qualifies under criterion				Species contributes under criterion				Pop. Size	Period of pop. Est.	% occurrence 1)	IUCN Red List	CITES Appendix I	CMS Appendix I	Other Status	Justification
			2	4	6	9	3	5	7	8								
CHORDATA/ CEPHALASPIDOMORPHI	 <i>Lampetra planeri</i>	European Brook Lamprey	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2000		LC 	<input type="checkbox"/>	<input type="checkbox"/>	EN (National Red List Fish and Cyclostomes 2007)	
CHORDATA/ ACTINOPTERYGII	 <i>Salmo trutta lacustris</i>	Lake Trout	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2000			<input type="checkbox"/>	<input type="checkbox"/>	EN (National Red List Red List of Fish and Cyclostomes 2007)	
CHORDATA/ ACTINOPTERYGII	 <i>Thymallus thymallus</i>	European Grayling	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2000		LC 	<input type="checkbox"/>	<input type="checkbox"/>	VU (National Red List Red List of Fish and Cyclostomes 2007)	
Others																		
CHORDATA/ AMPHIBIA	 <i>Bombina variegata</i>	Yellow-bellied Toad	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1995		LC 	<input type="checkbox"/>	<input type="checkbox"/>	EN (National Red List Amphibians 2005)	
CHORDATA/ AMPHIBIA	 <i>Bufo bufo</i>	Common Toad	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2011		LC 	<input type="checkbox"/>	<input type="checkbox"/>	VU (National Red List Amphibians 2005)	
ARTHROPODA/ INSECTA	 <i>Conocephalus dorsalis</i>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2004			<input type="checkbox"/>	<input type="checkbox"/>	EN (National Red List Orthoptera 2007)	
ARTHROPODA/ INSECTA	 <i>Conocephalus fuscus</i>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2004			<input type="checkbox"/>	<input type="checkbox"/>	VU (National Red List Orthoptera 2007)	
CHORDATA/ REPTILIA	 <i>Coronella austriaca</i>	Smooth Snake	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1999			<input type="checkbox"/>	<input type="checkbox"/>	VU (National Red List Reptiles 2005)	
ARTHROPODA/ INSECTA	 <i>Eretsis baltica</i>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1985			<input type="checkbox"/>	<input type="checkbox"/>	EN (Red List Mayflies, Stoneflies and Caddisflies 2012)	
CHORDATA/ AMPHIBIA	 <i>Hyla arborea</i>	Common Tree Frog	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2013		LC 	<input type="checkbox"/>	<input type="checkbox"/>	EN (National Red List Amphibians 2005)	
CHORDATA/ REPTILIA	 <i>Lacerta agilis</i>	Sand Lizard	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2012		LC 	<input type="checkbox"/>	<input type="checkbox"/>	VU (National Red List Reptiles 2005)	
CHORDATA/ MAMMALIA	 <i>Lepus europaeus</i>	European Hare	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2014		LC 	<input type="checkbox"/>	<input type="checkbox"/>	VU (National Red List Mammals 1994)	
ARTHROPODA/ INSECTA	 <i>Lestes virens vestalis</i>	Small Emerald Damselfly	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2013			<input type="checkbox"/>	<input type="checkbox"/>	CR (National Red List Dragonflies 2002)	
CHORDATA/ AMPHIBIA	 <i>Lissotriton helveticus</i>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2015		LC 	<input type="checkbox"/>	<input type="checkbox"/>	VU (National Red List Amphibians 2005)	
CHORDATA/ AMPHIBIA	 <i>Lissotriton vulgaris</i>	Smooth Newt	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2001		LC 	<input type="checkbox"/>	<input type="checkbox"/>	EN (National Red List Amphibians 2005)	
ARTHROPODA/ INSECTA	 <i>Lucanus cervus</i>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2013			<input type="checkbox"/>	<input type="checkbox"/>	VU (National Red List Ground Beetles and Tiger Beetles 1994)	
ARTHROPODA/ INSECTA	 <i>Maculinea alcon</i>	Alcon Blue	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2000			<input type="checkbox"/>	<input type="checkbox"/>	EN (National Red List Butterflies and Burnet Moths 2014)	
ARTHROPODA/ INSECTA	 <i>Maculinea nausithous</i>	Dusky Large Blue	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1989			<input type="checkbox"/>	<input type="checkbox"/>	EN (National Red List Butterflies and Burnet Moths 2014)	
ARTHROPODA/ INSECTA	 <i>Maculinea teleius</i>	Scarce Large Blue	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2001			<input type="checkbox"/>	<input type="checkbox"/>	EN (National Red List Butterflies and Burnet Moths 2014)	
CHORDATA/ MAMMALIA	 <i>Mustela nivalis</i>	Least Weasel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2013		LC 	<input type="checkbox"/>	<input type="checkbox"/>	Vulnerable (National Red List Mammals 1994)	
CHORDATA/ MAMMALIA	 <i>Mustela putorius</i>	European Polecat	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2010		LC 	<input type="checkbox"/>	<input type="checkbox"/>	Vulnerable (National Red List Mammals 1994)	
CHORDATA/ MAMMALIA	 <i>Myotis myotis</i>	Mouse-eared Bat	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2010		LC 	<input type="checkbox"/>	<input type="checkbox"/>	VU (National Red List Bats 2013)	

Phylum	Scientific name	Common name	Species qualifies under criterion				Species contributes under criterion				Pop. Size	Period of pop. Est.	% occurrence 1)	IUCN Red List	CITES Appendix I	CMS Appendix I	Other Status	Justification
			2	4	6	9	3	5	7	8								
CHORDATA/ REPTILIA	 <i>Matrix natrix</i>	European Grass Snake	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2014		<input type="checkbox"/>	<input type="checkbox"/>	VU (National Red List Reptiles 2005)		
CHORDATA/ MAMMALIA	 <i>Neomys fodiens</i>	Eurasian Water Shrew	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2003		LC 	<input type="checkbox"/>	<input type="checkbox"/>	Vulnerable (National Red List Mammals 1994)	
ARTHROPODA/ INSECTA	 <i>Ophiogomphus cecilia</i>	Green Snaketail	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2012		<input type="checkbox"/>	<input type="checkbox"/>	EN (National Red List Dragonflies 2002)		
CHORDATA/ MAMMALIA	 <i>Plecotus auritus</i>	Brown Big-eared Bat	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1995		LC 	<input type="checkbox"/>	<input type="checkbox"/>	VU (National Red List Bats 2013)	
ARTHROPODA/ INSECTA	 <i>Pteronemobius heydenii</i>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2010		<input type="checkbox"/>	<input type="checkbox"/>	VU (National Red List Orthoptera 2007)		
ARTHROPODA/ INSECTA	 <i>Stethophyma grossum</i>	Large Marsh Grasshopper	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2013		<input type="checkbox"/>	<input type="checkbox"/>	VU (National Red List Orthoptera 2007)		
ARTHROPODA/ INSECTA	 <i>Sympetrum depressiusculum</i>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2012		<input type="checkbox"/>	<input type="checkbox"/>	VU (National Red List Dragonflies 2002)		
ARTHROPODA/ INSECTA	 <i>Sympetrum flaveolum</i>	Yellow-winged Darter	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1984		LC 	<input type="checkbox"/>	<input type="checkbox"/>	EN (National Red List Dragonflies 2002)	
ARTHROPODA/ INSECTA	 <i>Sympetrum pedemontanum</i>	Banded Darter	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1980		LC 	<input type="checkbox"/>	<input type="checkbox"/>	CR (National Red List Dragonflies 2002)	
CHORDATA/ AMPHIBIA	 <i>Triturus cristatus</i>	Warty Newt	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2011		LC 	<input type="checkbox"/>	<input type="checkbox"/>	EN (National Red List Amphibians 2005)	

1) Percentage of the total biogeographic population at the site

The site is a refuge for the protection of plant and animal species, including many rare and endangered species. A further species important for the site but included in the species-database so far is *Euphydryas aurinia aurinia* (classified EN in the National Red List Butterflies and Burnet Moths 2014).

3.4 - Ecological communities whose presence relates to the international importance of the site

Name of ecological community	Community qualifies under Criterion 2?	Description	Justification
Fens	<input checked="" type="checkbox"/>	Fens are vestiges of earlier natural and cultural landscapes and are in sharp decline. They are home to highly-adapted symbiotic communities of plants and animals that include a large number of endanger plant and animal species.	Site listed in the federal inventory of fenlands of national importance
Ponds	<input checked="" type="checkbox"/>	The different types of open waters and ponds with their typical vegetation are rare ecological communities serving as breeding biotopes for several threatened amphibians and as important nutrition sites for waterbirds and migratory birds.	Site listed in the federal inventory of amphibian spawning areas of national importance. Site listed in the federal inventory of waterbirds and migratory birds of national and international importance.

4 - What is the Site like? (Ecological character description)

4.1 - Ecological character

Main habitat types: open water, fens, litter meadows, eutrophic marshes, ponds, canals, hedges, bushes, tree rows, artificial semi-intensive cultivated meadows.

Main plant communities: sedge marshes, reedbeds, transitional bogs with and without sphagnum mosses, molinia marshes and eutrophic meadowsweet marshes.

4.2 - What wetland type(s) are in the site?

Inland wetlands

Wetland types (code and name)	Local name	Ranking of extent (1: greatest - 4: least)	Area (ha) of wetland type	Justification of Criterion 1
Fresh water > Lakes and pools >> Tp: Permanent freshwater marshes/pools		1		
Fresh water > Marshes on inorganic soils >> Ts: Seasonal/intermittent freshwater marshes/pools on inorganic soils		2		
Fresh water > Marshes on peat soils >> U: Permanent Non-forested peatlands		3		

Human-made wetlands

Wetland types (code and name)	Local name	Ranking of extent (1: greatest - 4: least)	Area (ha) of wetland type	Justification of Criterion 1
2: Ponds		2		
3: Irrigated land		1		Representative
4: Seasonally flooded agricultural land		2		Representative
9: Canals and drainage channels or ditches		3		

Other non-wetland habitat

Other non-wetland habitats within the site	Area (ha) if known
artificial semi-intensive cultivated meadows	

(EOD) Habitat connectivity National Ecological Network REN: Core connection areas

4.3 - Biological components

4.3.1 - Plant species

Invasive alien plant species

Scientific name	Common name	Impacts	Changes at RIS update
<i>Erigeron annuus</i>	Annual Fleabane	Actually (minor impacts)	increase
<i>Solidago gigantea</i>	Giant Goldenrod	Actually (major impacts)	decrease

4.3.2 - Animal species

Other noteworthy animal species

Phylum	Scientific name	Common name	Pop. size	Period of pop. est.	%occurrence	Position in range /endemism/other
CHORDATA/AVES	<i>Acrocephalus arundinaceus</i>	Great Reed Warbler		2014		High Priority Species (List of National Priority Species 2011)
CHORDATA/AVES	<i>Alauda anensis</i>	Eurasian Skylark		2014		High Priority Species (List of National Priority Species 2011)
CHORDATA/AVES	<i>Apus apus</i>	Common Swift		2014		High Priority Species (List of National Priority Species 2011)
CHORDATA/AVES	<i>Apus melba</i>	Alpine Swift		2013		High Priority Species (List of National Priority Species 2011)
CHORDATA/AVES	<i>Asio otus</i>	Long-eared Owl		2014		High Priority Species (List of National Priority Species 2011)
CHORDATA/AVES	<i>Carduelis cannabina</i>	Common Linnet		2014		High Priority Species (List of National Priority Species 2011)
CHORDATA/AVES	<i>Cuculus canorus</i>	Common Cuckoo		2014		High Priority Species (List of National Priority Species 2011)

Phylum	Scientific name	Common name	Pop. size	Period of pop. est.	%occurrence	Position in range /endemism/other
CHORDATA/AVES	<i>Delichon urbicum</i>	Common House Martin		2014		High Priority Species (List of National Priority Species 2011)
CHORDATA/AVES	<i>Dendrocopos medius</i>	Middle Spotted Woodpecker		2013		High Priority Species (List of National Priority Species 2011)
CHORDATA/AVES	<i>Emberiza cirius</i>	Cirl Bunting		2010		High Priority Species (List of National Priority Species 2011)
CHORDATA/AVES	<i>Falco peregrinus</i>	Peregrine Falcon		2014		High Priority Species (List of National Priority Species 2011)
CHORDATA/AVES	<i>Falco subbuteo</i>	Eurasian Hobby		2014		High Priority Species (List of National Priority Species 2011)
CHORDATA/AVES	<i>Falco tinnunculus</i>	Common Kestrel		2014		High Priority Species (List of National Priority Species 2011)
CHORDATA/AVES	<i>Hippolais polyglotta</i>	Melodious Warbler		2004		High Priority Species (List of National Priority Species 2011)
CHORDATA/AVES	<i>Jynx torquilla</i>	Eurasian Wren		2014		High Priority Species (List of National Priority Species 2011)
CHORDATA/AVES	<i>Locustella luscinioides</i>	Savi's Warbler		2014		High Priority Species (List of National Priority Species 2011)
CHORDATA/AVES	<i>Locustella naevia</i>	Common Grasshopper Warbler		2014		High Priority Species (List of National Priority Species 2011)
CHORDATA/AVES	<i>Luscinia megarhynchos</i>	Common Nightingale		2014		High Priority Species (List of National Priority Species 2011)
CHORDATA/AVES	<i>Milvus milvus</i>	Red Kite		2014		High Priority Species (List of National Priority Species 2011)
CHORDATA/AVES	<i>Motacilla flava</i>	Western Yellow Wagtail		2014		High Priority Species (List of National Priority Species 2011)
CHORDATA/AVES	<i>Netta rufina</i>	Red-crested Pochard		2014		High Priority Species (List of National Priority Species 2011)
CHORDATA/AVES	<i>Pernis apivorus</i>	European Honey Buzzard		2014		High Priority Species (List of National Priority Species 2011)
CHORDATA/AVES	<i>Phoenicurus phoenicurus</i>	Common Redstart		2014		High Priority Species (List of National Priority Species 2011)
CHORDATA/AVES	<i>Sterna hirundo</i>	Common Tern		2009		High Priority Species (List of National Priority Species 2011)
CHORDATA/AVES	<i>Streptopelia turtur</i>	European Turtle Dove		2014		High Priority Species (List of National Priority Species 2011)
CHORDATA/AVES	<i>Sylvia borin</i>	Garden Warbler		2014		High Priority Species (List of National Priority Species 2011)
CHORDATA/AVES	<i>Sylvia communis</i>	Common Whitethroat		2014		High Priority Species (List of National Priority Species 2011)
CHORDATA/AVES	<i>Tyto alba</i>	Barn Owl		2009		High Priority Species (List of National Priority Species 2011)
ARTHROPODAMALACOSTRACA	<i>Astacus astacus</i>	European Crayfish		1997		3 (Appendix 1 VBCF 24. Nov 1993)

4.4 - Physical components

4.4.1 - Climate

Climatic region	Subregion
C: Moist Mid-Latitude climate with mild winters	Cfb: Marine west coast (Mid with no dry season, warm summer)

4.4.2 - Geomorphic setting

a) Minimum elevation above sea level (in metres)

a) Maximum elevation above sea level (in metres)

- Entire river basin
- Upper part of river basin
- Middle part of river basin
- Lower part of river basin
- More than one river basin
- Not in river basin
- Coastal

Please name the river basin or basins. If the site lies in a sub-basin, please also name the larger river basin. For a coastal/marine site, please name the sea or ocean.

Upper Rhine basin.

4.4.3 - Soil

Mineral

(Update) Changes at RIS update No change Increase Decrease Unknown

Organic

(Update) Changes at RIS update No change Increase Decrease Unknown

No available information

Are soil types subject to change as a result of changing hydrological conditions (e.g., increased salinity or acidification)? Yes No

4.4.4 - Water regime

Water permanence

Presence?	Changes at RIS update
Usually permanent water present	

Source of water that maintains character of the site

Presence?	Predominant water source	Changes at RIS update
Water inputs from surface water	<input checked="" type="checkbox"/>	No change
Water inputs from rainfall	<input type="checkbox"/>	No change
Water inputs from groundwater	<input type="checkbox"/>	No change

Water destination

Presence?	Changes at RIS update
To downstream catchment	No change

Stability of water regime

Presence?	Changes at RIS update
Water levels largely stable	No change
Water levels fluctuating (including tidal)	No change

Please add any comments on the water regime and its determinants (if relevant). Use this box to explain sites with complex hydrology.

Fluctuating water levels both by irrigation and drainage. The reduction of the groundwater level through the drainage of the surrounding area caused a reduction of the open water surface in the core area. In order to prevent dehydration the site is supplied with water by the small river/creek "Steinenbach". Being located lower than the level of the river, the site has a gravity irrigation system (adjustable valves). The impact of the water fluctuation is not fully clarified.
 Further information: Bürgin, M.; Zurbuchen, A. 2013: Zustandsbericht des Entensees. Pro Natura St. Gallen-Appenzell, Geschäftsstelle Kaltbrunner Riet (ed.).

4.4.5 - Sediment regime

Sediment regime unknown

<no data available>

4.4.6 - Water pH

Unknown

4.4.7 - Water salinity

Fresh (<0.5 g/l)

(Update) Changes at RIS update No change Increase Decrease Unknown

Unknown

4.4.8 - Dissolved or suspended nutrients in water

Unknown

4.4.9 - Features of the surrounding area which may affect the Site

Please describe whether, and if so how, the landscape and ecological characteristics in the area surrounding the Ramsar Site differ from the site itself: i) broadly similar ii) significantly different

- Surrounding area has greater urbanisation or development
- Surrounding area has higher human population density
- Surrounding area has more intensive agricultural use
- Surrounding area has significantly different land cover or habitat types

4.5 - Ecosystem services

4.5.1 - Ecosystem services/benefits

Provisioning Services

Ecosystem service	Examples	Importance/Extent/Significance
Fresh water	Water for irrigated agriculture	Low
Wetland non-food products	Other	Medium

Regulating Services

Ecosystem service	Examples	Importance/Extent/Significance
Maintenance of hydrological regimes	Groundwater recharge and discharge	Medium
Hazard reduction	Flood control, flood storage	Medium

Cultural Services

Ecosystem service	Examples	Importance/Extent/Significance
Recreation and tourism	Picnics, outings, touring	Medium
Recreation and tourism	Nature observation and nature-based tourism	Medium
Spiritual and inspirational	Cultural heritage (historical and archaeological)	Low
Scientific and educational	Major scientific study site	Low
Scientific and educational	Educational activities and opportunities	Medium

Supporting Services

Ecosystem service	Examples	Importance/Extent/Significance
Biodiversity	Supports a variety of all life forms including plants, animals and microorganisms, the genes they contain, and the ecosystems of which they form a part	High

Other ecosystem service(s) not included above:

High biomass production (e.g. insects) provides feed for migratory bird.

Have studies or assessments been made of the economic valuation of ecosystem services provided by this Ramsar Site? Yes No Unknown

4.5.2 - Social and cultural values

i) the site provides a model of wetland wise use, demonstrating the application of traditional knowledge and methods of management and use that maintain the ecological character of the wetland

Description if applicable

The site has been strongly influenced by man, including through the use of litter meadows. This is a traditional cultivation method, which almost completely disappeared in the Central Plateau with the draining of wetlands and the intensification of agriculture.

ii) the site has exceptional cultural traditions or records of former civilizations that have influenced the ecological character of the wetland

iii) the ecological character of the wetland depends on its interaction with local communities or indigenous peoples

Description if applicable

One part of the area is used for agriculture. The management of these areas is influencing the quality of the site.

iv) relevant non-material values such as sacred sites are present and their existence is strongly linked with the maintenance of the ecological character of the wetland

4.6 - Ecological processes

<no data available>

5 - How is the Site managed? (Conservation and management)

5.1 - Land tenure and responsibilities (Managers)

5.1.1 - Land tenure/ownership

Public ownership

Category	Within the Ramsar Site	In the surrounding area
Local authority, municipality, (sub)district, etc.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Private ownership

Category	Within the Ramsar Site	In the surrounding area
Foundation/non-governmental organization/trust	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Other types of private/individual owner(s)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

5.1.2 - Management authority

Please list the local office / offices of any agency or organization responsible for managing the site:

Management authority: Canton of St. Gall. Agency for nature, hunting and fishing.
The site is managed by an executive office (Geschäftsstelle), which is subordinated to the NGO-section "Pro Natura St.Gallen-Appenzell". With the communes Uznach, Kaltbrunn and Benken, a performance agreement for the management was concluded. The control of the executive office corresponds to a commission of the municipalities and to the cantonal office for nature, hunting and fishing.

Provide the name and title of the person or people with responsibility for the wetland:

Head of the executive office: Antonia Zurbuchen (Dr. of science).

Postal address:

Kanton St. Gallen, Amt für Natur, Jagd und Fischerei
Davidstrasse 35
CH-9001 St.Gallen, Switzerland

Executive Office:
Pro Natura St.Gallen-Appenzell
Postfach 103
CH-9014 St.Gallen, Switzerland
pronatura-sg@pronatura.ch

E-mail address:

pronatura-sg@pronatura.ch

5.2 - Ecological character threats and responses (Management)

5.2.1 - Factors (actual or likely) adversely affecting the Site's ecological character

Human settlements (non agricultural)

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Housing and urban areas			<input type="checkbox"/>		<input checked="" type="checkbox"/>	

Water regulation

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Drainage	High impact	High impact	<input checked="" type="checkbox"/>	No change	<input checked="" type="checkbox"/>	No change
Canalisation and river regulation	High impact	High impact	<input checked="" type="checkbox"/>	No change	<input checked="" type="checkbox"/>	No change

Agriculture and aquaculture

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Livestock farming and ranching	High impact	High impact	<input checked="" type="checkbox"/>	No change	<input checked="" type="checkbox"/>	No change

Transportation and service corridors

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Utility and service lines (e.g., pipelines)	Low impact	Low impact	<input checked="" type="checkbox"/>	No change	<input checked="" type="checkbox"/>	No change
Aircraft flight paths	Medium impact	Medium impact	<input checked="" type="checkbox"/>	No change	<input checked="" type="checkbox"/>	No change

Human intrusions and disturbance

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Recreational and tourism activities	Medium impact	Medium impact	<input checked="" type="checkbox"/>	No change	<input type="checkbox"/>	No change

Natural system modifications

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Unspecified/others			<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Dams and water management/use	High impact	High impact	<input type="checkbox"/>	No change	<input checked="" type="checkbox"/>	No change

Invasive and other problematic species and genes

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Invasive non-native/alien species	High impact	High impact	<input checked="" type="checkbox"/>	decrease	<input type="checkbox"/>	No change

Pollution

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Excess heat, sound, light			<input type="checkbox"/>		<input checked="" type="checkbox"/>	

5.2.2 - Legal conservation status

National legal designations

Designation type	Name of area	Online information url	Overlap with Ramsar Site
Cantonal protected area	Benken, Uznach, Kaltbrunn		partly
Federal inventory of Amphibian Spawning Areas of National Importance (2001, RS 451.34)	Kaltbrunnerriet (Object no. SG374)	http://www.bafu.admin.ch	partly
Federal inventory of Fenlands of National Importance (1994, RS 451.33)	Benkner-, Burger- und Kaltbrunner Riet (Object no. 198)	http://www.bafu.admin.ch	partly
Federal inventory of Landscape and Natural Monuments of National Importance (1977, SR 451.11)	Kaltbrunner Riet (Object no. 1416)	http://www.bafu.admin.ch	partly
Federal reserve for Waterbirds and Migratory Birds of International and National Importance (1991, RS 922.32)	Benkner-, Burger- und Kaltbrunner-Riet (SG) (Object no. 127)	http://www.bafu.admin.ch	partly

5.2.3 - IUCN protected areas categories (2008)

- Ia Strict Nature Reserve
- Ib Wilderness Area: protected area managed mainly for wilderness protection
- II National Park: protected area managed mainly for ecosystem protection and recreation
- III Natural Monument: protected area managed mainly for conservation of specific natural features
- IV Habitat/Species Management Area: protected area managed mainly for conservation through management intervention
- V Protected Landscape/Seascape: protected area managed mainly for landscape/seascape conservation and recreation
- VI Managed Resource Protected Area: protected area managed mainly for the sustainable use of natural ecosystems

5.2.4 - Key conservation measures

Legal protection

Measures	Status
Legal protection	Implemented

Habitat

Measures	Status
Habitat manipulation/enhancement	Partially implemented

Human Activities

Measures	Status
Regulation/management of recreational activities	Implemented
Harvest controls/poaching enforcement	Implemented
Communication, education, and participation and awareness activities	Implemented

Other:

Federal reserve for Waterbirds and Migratory Birds of International and National Importance (1991, RS 922.32): The extension of the perimeter entered into force on July 15, 2015.

5.2.5 - Management planning

Is there a site-specific management plan for the site? Yes

Has a management effectiveness assessment been undertaken for the site? Yes No

If the site is a formal transboundary site as indicated in section Data and location > Site location, are there shared management planning processes with another Contracting Party? Yes No

Please indicate if a Ramsar centre, other educational or visitor facility, or an educational or visitor programme is associated with the site:

Visitor Center (Pro Natura), path system with information panels on the site, 2 nature observation towers, guided tours / excursion program, participation of volunteers

URL of site-related webpage (if relevant):

5.2.6 - Planning for restoration

Is there a site-specific restoration plan? Yes, there is a plan

5.2.7 - Monitoring implemented or proposed

Monitoring	Status
Plant species	Implemented
Animal species (please specify)	Implemented
Birds	Implemented

Monitoring of: invertebrates (e.g. maculinea species, dragonflies, grasshoppers), amphibians, mammals ...
 See monitoring reports in section 6.1.2.
 file=tl_files/2_schutzgebiete/25011/Monitoringkonzept_KBR_24_09_2012.pdf
 The monitoring reports and monitoring concepts are provided on the website of the local section of Pro Natura.
 Monitoring concept:
http://www.pronatura-sg.ch/monitoring_kaltbrunner_riet?
 Reports: http://www.pronatura-sg.ch/monitoring_kaltbrunner_riet

6 - Additional material

6.1 - Additional reports and documents

6.1.1 - Bibliographical references

Reference list (pdf): See 6.1.2. vi.

6.1.2 - Additional reports and documents

i. taxonomic lists of plant and animal species occurring in the site (see section 4.3)

<no file available>

ii. a detailed Ecological Character Description (ECD) (in a national format)

<no file available>

iii. a description of the site in a national or regional wetland inventory

<3 file(s) uploaded>

iv. relevant Article 3.2 reports

<no file available>

v. site management plan

<4 file(s) uploaded>

vi. other published literature

<3 file(s) uploaded>

6.1.3 - Photograph(s) of the Site

Please provide at least one photograph of the site:



Ramsar site no. 509:
Kaltbrunner Riet (Dr. A
Zurbuchen, Pro Natura St.
Gallen-Appenzell, 04-11-
2013)



Ramsar site no. 509:
Kaltbrunner Riet (Dr. A
Zurbuchen, Pro Natura St.
Gallen-Appenzell, 02-07-
2015)



Ramsar site no. 509:
Kaltbrunner Riet (Dr. A
Zurbuchen, Pro Natura St.
Gallen-Appenzell, 27-04-
2015)



Ramsar site no. 509:
Kaltbrunner Riet (Dr. A
Zurbuchen, Pro Natura St.
Gallen-Appenzell, 01-06-
2015)



Ramsar site no. 509:
Kaltbrunner Riet (Dr. A
Zurbuchen, Pro Natura St.
Gallen-Appenzell, 04-04-
2011)



Ramsar site no. 509:
Kaltbrunner Riet (Dr. A
Zurbuchen, Pro Natura St.
Gallen-Appenzell, 06-05-
2011)



Ramsar site no. 509:
Kaltbrunner Riet (Dr. A
Zurbuchen, Pro Natura St.
Gallen-Appenzell, 21-02-
2012)



Ramsar site no. 509:
Kaltbrunner Riet (Dr. A
Zurbuchen, Pro Natura St.
Gallen-Appenzell, 19-11-
2012)



Ramsar site no. 509:
Kaltbrunner Riet (Dr. A
Zurbuchen, Pro Natura St.
Gallen-Appenzell, 18-01-
2013)



Ramsar site no. 509:
Kaltbrunner Riet (Dr. A
Zurbuchen, Pro Natura St.
Gallen-Appenzell, 20-05-
2013)

6.1.4 - Designation letter and related data

Designation letter

<1 file(s) uploaded>

Date of Designation 1990-11-09