



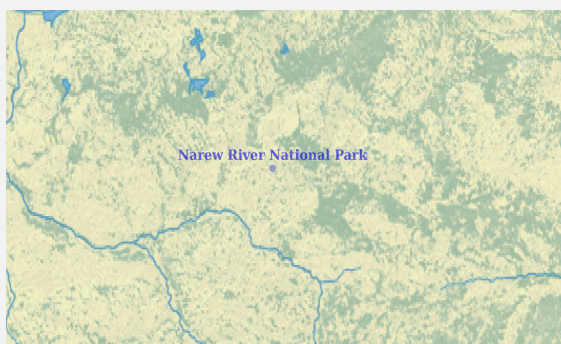
Ramsar Information Sheet

Published on 24 January 2019

Update version, previously published on : 1 January 2005

Poland

Narew River National Park



Designation date	29 October 2002
Site number	1564
Coordinates	53°03'18"N 22°52'57"E
Area	6 810,00 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

Narew River National Park is located in north-eastern Poland in Podlaskie Voivodeship. The Site is a 35 km section of a natural swampy valley within the borders of the National Park. The valley is wide as of a typical lowland river with a very well developed system of bends, oxbows and highly sinuous riverbed breaking through moraine hills. The wetland's landscape and wildlife features provide for its outstanding value for biodiversity conservation. Owing to specific hydrological and geological conditions, 90% of the site is swampy and inaccessible to people providing excellent refuge for rich flora and fauna, especially for local and migrating waterfowl. It is one of the most important Polish breeding sites for the aquatic warbler *Acocephalus paludicola*; regularly holds significant numbers of the black-tailed godwit *Limosa limosa*.

2 - Data & location

2.1 - Formal data

2.1.1 - Name and address of the compiler of this RIS

Compiler 1

Name	Marek Jobda, Rafał Rzepkowski, Paweł Szałański
Institution/agency	Pracownia Przyrodnicza
Postal address	ul. Bohaterów Powstania Styczniowego 4, 05-480 Karczew, Poland
E-mail	pracownia@przyrodnicza.eu
Phone	+48 509-029-647

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)

Unofficial name (optional)

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 the area has decreased

(Update) The Site area has been calculated more accurately

(Update) The Site has been delineated more accurately

(Update) The Site area has increased because of a boundary extension

(Update) The Site area has decreased because of a boundary restriction

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? Yes (likely)

(Update) Are the changes Positive Negative Positive & Negative

(Update) Positive %

(Update) No information available

(Update) Optional text box to provide further information

Positive trends of abundance of a number of species of birds were observed as a result of conducting protective procedures (mowing / descaling, catching an invasive species).

(Update) Changes resulting from causes operating within the existing boundaries?

(Update) Changes resulting from causes operating beyond the site's boundaries?

(Update) Changes consequent upon site boundary reduction alone (e.g., the exclusion of some wetland types formerly included within the site)?

(Update) Changes consequent upon site boundary increase alone (e.g., the inclusion of different wetland types in the site)?

(Update) Please describe any changes to the ecological character of the Ramsar Site, including in the application of the Criteria, since the previous RIS for the site.

Positive changes related to conservation measures undertaken by national park.

(Update) Is the change in ecological character negative, human-induced AND a significant change (above the limit of acceptable change) Yes

2.2 - Site location

2.2.1 - Defining the Site boundaries

b) Digital map/image

<1 file(s) uploaded>

Former maps

Boundaries description

The Ramsar site's boundaries are identical to the boundary of the Narew River National Park.

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
Udvardy's Biogeographical Provinces	10. Boreonemoral
Bailey's Ecoregions	220 Hot Continental Division
WWF Terrestrial Ecoregions	Temperate broadleaf and mixed forest
EU biogeographic regionalization	Continental

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

Hydrological services provided

The site is one of unique examples of a wetland complex with multi-bed lowland river with oxbows and old channels overgrown by wetland vegetation. The swampy valley acts as a sink for runoff and subsurface flow and helps to maintain the local hydrological balance. The wetland vegetation helps in water purification and provide wetland non-food products i.e. livestock fodder.

Other ecosystem services provided

The site is used for tourist and recreation purposes, main form of recreation use is kayaking and hiking. Canoeing rallies are being organised every year on the Narew River. Visitor movement is estimated to be about 5 – 10 thousand persons annually, which gives 0.7 – 1.4 persons/hectare/year. Due to traditional settlement and farming practices, the site also provides cultural values that attract visitors. It's also an important place for scientific and educational activities.

Other reasons

Narew River National Park contains several rare and unique wetland types on the scale of the biogeographical region, which have been preserved in a near- natural state. Great diversity of local wetland habitats supports many vulnerable and protected species of plants and animals, thus the site should be considered internationally important. The wild winding river constitutes a unique example of wetland system in the continental scale, and not only in the biogeographical region.

- Criterion 2 : Rare species and threatened ecological communities

- Criterion 3 : Biological diversity

Justification

Narew River National Park provides a variety of habitats to species important for maintaining biological diversity of sub-boreal biogeographical region (region of deciduous forests of Central Europe). Of special value is the richness of local vegetation (41 plant communities) and flora that includes 200 vascular species, numerous bryophytes and fungi, myxomycetes and algae. Local fauna embraces 33 species of mammals, 200 bird species including 154 species of breeding birds, 13 amphibian species and 22 fish species.

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

- Criterion 5 : >20,000 waterbirds

Overall waterbird numbers

15000-30000 ind. Anserifnae and 30000-60000 ind. Anatidae in 2014


Start year


















2010












Source of data:

Pruszyński M. 2010. Bagienna Dolina Narwi. W: Wilk T., Jujka M., Krogulec J., Chylarecki P. (red.). Ostoje ptaków o znaczeniu międzynarodowym w Polsce, ss. 210–212. OTOP, Marki, NPN archive-unpublished data














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>Bromus secalinus</i> 	Rye Brome	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Red list of plants and fungi in Poland (V-vulnerable or endangered)	

Scientific name	Common name	Criterion 2	Criterion 3	Criterion 4	IUCN Red List	CITES Appendix I	Other status	Justification
 <i>Carex praecox</i>	Spring-sedge	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Red list of plants and fungi in Poland (V-vulnerable or endangered)	
 <i>Dactylorhiza fuchsii</i>	Common Spotted Orchid	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Red list of plants and fungi in Poland (V-vulnerable or endangered), species protected in Poland	
 <i>Dactylorhiza incarnata</i>	Early Marsh Orchid	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	Red list of plants and fungi in Poland (V-vulnerable or endangered), species protected in Poland	
 <i>Dactylorhiza incarnata ochroleuca</i>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	Polish Red Data Book of Plants (EN)	
 <i>Dactylorhiza maculata</i>	Spotted Orchid	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	Red list of plants and fungi in Poland (V-vulnerable or endangered), species protected in Poland	
 <i>Dactylorhiza majalis</i>	Broad-leaved Marsh Orchid	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	Red list of plants and fungi in Poland (V-vulnerable or endangered), species protected in Poland	
 <i>Dianthus superbus</i>	Superb Pink	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Red list of plants and fungi in Poland (V-vulnerable or endangered), species protected in Poland	
 <i>Drosera rotundifolia</i>	Round-leaved Sundew	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LC 	<input type="checkbox"/>	Red list of plants and fungi in Poland (V-vulnerable or endangered), species protected in Poland	
 <i>Dryopteris cristata</i>	Crested Woodfern	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Red list of plants and fungi in Poland (V-vulnerable or endangered)	
 <i>Gentiana pneumonanthe</i>	Marsh Gentian	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Red list of plants and fungi in Poland (V-vulnerable or endangered), species protected in Poland	
 <i>Hippuris vulgaris</i>	Mare's Tail	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LC 	<input type="checkbox"/>	Red list of plants and fungi in Poland (V-vulnerable or endangered)	
 <i>Iris sibirica</i>	Siberian Iris	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Red list of plants and fungi in Poland (V-vulnerable or endangered), species protected in Poland	
 <i>Lathyrus palustris</i>	Marsh Pea; Marsh Vetchling	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LC 	<input type="checkbox"/>	Red list of plants and fungi in Poland (V-vulnerable or endangered), species protected in Poland	
 <i>Lycopodium clavatum</i>	Stag's-horn Clubmoss	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Polish Red List NT, partly protected in Poland, Annex IV of Habitats Directive	

Scientific name	Common name	Criterion 2	Criterion 3	Criterion 4	IUCN Red List	CITES Appendix I	Other status	Justification
<i>Pedicularis palustris</i> 	Red-rattle	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LC 	<input type="checkbox"/>	Red list of plants and fungi in Poland (V-vulnerable or endangered), species protected in Poland	
<i>Polemonium caeruleum</i> 	Jacob's Ladder	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Polish Red Data Book of Plants (VU)	
<i>Potentilla tanacetifolia</i> 		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Red list of plants and fungi in Poland (V-vulnerable or endangered), species protected in Poland	
<i>Radiola linoides</i> 	Allseed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Red list of plants and fungi in Poland (V-vulnerable or endangered)	
<i>Ranunculus lingua</i> 	Greater Spearwort	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LC 	<input type="checkbox"/>	Red list of plants and fungi in Poland (V-vulnerable or endangered), species protected in Poland	
<i>Succisella inflexa</i> 	Southern Succisella	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Polish Red Data Book of Plants (VU)	
<i>Utricularia vulgaris</i> 	Common Bladderwort	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LC 	<input type="checkbox"/>	Red list of plants and fungi in Poland (V-vulnerable or endangered)	
<i>Viola epipsila</i> 	Dwarf Marsh Violet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Polish Red Data Book of Plants (CR)	

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>Acrocephalus paludicola</i> 	Aquatic Warbler	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	20	2013		VU 	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Annex I Birds Directive (Directive 2009/147/EC) Polish Red Data Book of Animals (VU)	pop. size: 20 males	
CHORDATA / AVES	<i>Anas acuta</i> 	Northern Pintail	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>		Migrating/breeding/wintering species	
CHORDATA / AVES	<i>Anas clypeata</i> 	Northern Shoveler	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>		Migrating/breeding/wintering species	
CHORDATA / AVES	<i>Anas crecca</i> 	Green-winged Teal; Eurasian Teal	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>		Migrating/breeding/wintering species	
CHORDATA / AVES	<i>Anas platyrhynchos</i> 	Mallard	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>		Migrating/breeding/wintering species	
CHORDATA / AVES	<i>Anas querquedula</i> 	Garganey	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	Annex I Birds Directive (Directive 2009/147/EC)	pop. size: 15-20 pairs	
CHORDATA / AVES	<i>Anas strepera</i> 	Gadwall	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>		Migrating/breeding/wintering species	
CHORDATA / AVES	<i>Anser albifrons</i> 	Greater White-fronted Goose	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>		Migrating/breeding/wintering species	

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>Anser anser</i>	Greylag Goose	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>		Migrating/breeding/wintering species
CHORDATA / AVES	 <i>Anser fabalis</i>	Bean Goose	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>		Migrating/breeding/wintering species
CHORDATA / AVES	 <i>Botaurus stellaris</i>	Eurasian Bittern	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	23	2013		LC 	<input type="checkbox"/>	<input type="checkbox"/>	Annex I Birds Directive (Directive 2009/147/EC)	pop. size: 23 males
CHORDATA / AVES	 <i>Bucephala clangula</i>	Common Goldeneye	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>		Migrating/breeding/wintering species
CHORDATA / AVES	 <i>Charadrius dubius</i>	Little Ringed Plover	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>		Migrating/breeding/wintering species
CHORDATA / AVES	 <i>Chlidonias leucopterus</i>	White-winged Tern	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	36	2013		LC 	<input type="checkbox"/>	<input type="checkbox"/>	Annex I Birds Directive (Directive 2009/147/EC)	pop. size: 36 pairs
CHORDATA / AVES	 <i>Chlidonias niger</i>	Black Tern	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	43	2013		LC 	<input type="checkbox"/>	<input type="checkbox"/>	Annex I Birds Directive (Directive 2009/147/EC)	pop. size: 43 pairs
CHORDATA / AVES	 <i>Circus aeruginosus</i>	Western Marsh Harrier	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	48	2013		LC 	<input type="checkbox"/>	<input type="checkbox"/>	Annex I Birds Directive (Directive 2009/147/EC)	pop. size: 48 pairs
CHORDATA / AVES	 <i>Crex crex</i>	Com Crake	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		2013		LC 	<input type="checkbox"/>	<input type="checkbox"/>	Annex I Birds Directive (Directive 2009/147/EC)	pop. size: 156-166 pairs
CHORDATA / AVES	 <i>Cygnus cygnus</i>	Whooper Swan	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>		Migrating/breeding/wintering species
CHORDATA / AVES	 <i>Cygnus olor</i>	Mute Swan	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>		Migrating/breeding/wintering species
CHORDATA / AVES	 <i>Gallinago gallinago</i>	Common Snipe	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>		Migrating/breeding/wintering species
CHORDATA / AVES	 <i>Gallinago gallinago</i>	Common Snipe	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		2013		LC 	<input type="checkbox"/>	<input type="checkbox"/>	Annex I Birds Directive (Directive 2009/147/EC)	pop. size: 268-288 pairs
CHORDATA / AVES	 <i>Gallinago media</i>	Great Snipe	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6	2013		NT 	<input type="checkbox"/>	<input type="checkbox"/>	Annex I Birds Directive (Directive 2009/147/EC)	pop. size: 6 males
CHORDATA / AVES	 <i>Ixobrychus minutus</i>	Little Bittern	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	2013		LC 	<input type="checkbox"/>	<input type="checkbox"/>	Annex I Birds Directive (Directive 2009/147/EC)	pop. size: 3 males
CHORDATA / AVES	 <i>Limosa limosa</i>	Black-tailed Godwit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	14	2013		NT 	<input type="checkbox"/>	<input type="checkbox"/>	Annex I Birds Directive (Directive 2009/147/EC)	pop. size: 14 pairs
CHORDATA / AVES	 <i>Luscinia svecica</i>	Bluethroat	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		2013			<input type="checkbox"/>	<input type="checkbox"/>	Annex I Birds Directive (Directive 2009/147/EC)	pop. size: 280-310 males
CHORDATA / AVES	 <i>Philomachus pugnax</i>	Ruff	<input 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"/>	<input type="checkbox"/>		Migrating/breeding/wintering species

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>Porzana parva</i>	Little Crane	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	18	2013			<input type="checkbox"/>	<input type="checkbox"/>	Annex I Birds Directive (Directive 2009/147/EC)	pop. size: 18 pairs
CHORDATA / AVES	<i>Porzana porzana</i>	Spotted Crane	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	24	2013		LC 	<input type="checkbox"/>	<input type="checkbox"/>	Annex I Birds Directive (Directive 2009/147/EC)	pop. size: 24 pairs
CHORDATA / AVES	<i>Scolopax rusticola</i>	Eurasian Woodcock	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>		Migrating/breeding/wintering species
CHORDATA / AVES	<i>Tringa glareola</i>	Wood Sandpiper	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>		Migrating/breeding/wintering species
CHORDATA / AVES	<i>Tringa ochropus</i>	Green Sandpiper	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>		Migrating/breeding/wintering species
CHORDATA / AVES	<i>Tringa totanus</i>	Common Redshank	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7	2013		LC 	<input type="checkbox"/>	<input type="checkbox"/>	Annex I Birds Directive (Directive 2009/147/EC)	pop. size: 7 pairs
CHORDATA / AVES	<i>Vanellus vanellus</i>	Northern Lapwing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				NT 	<input type="checkbox"/>	<input type="checkbox"/>		Migrating/breeding/wintering species
Others																		
CHORDATA / AMPHIBIA	<i>Bombina orientalis</i>	European Fire bellied Toad	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	Annex II of the Habitats Directive (Council Directive 92/43/EEC)	
CHORDATA / MAMMALIA	<i>Castor fiber</i>	Eurasian Beaver	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	281	2013		LC 	<input type="checkbox"/>	<input type="checkbox"/>	Annex II of the Habitats Directive (Council Directive 92/43/EEC)	
CHORDATA / MAMMALIA	<i>Lutra lutra</i>	European Otter	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				NT 	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Annex II of the Habitats Directive (Council Directive 92/43/EEC)	
CHORDATA / AMPHIBIA	<i>Triturus cristatus</i>	Northern Crested Newt	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	Annex II of the Habitats Directive (Council Directive 92/43/EEC) Polish Red Data Book of Animals (NT)	

1) Percentage of the total biogeographic population at the site

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
3150 Natural eutrophic lakes with Magnopotamion or Hydrocharition-type vegetation	<input checked="" type="checkbox"/>		Annex 1 of the Habitat Directive (Council Directive 92/43/EEC)
3270 Rivers with muddy banks with Chenopodion rubric p.p. and Bidenton p.p. vegetation	<input checked="" type="checkbox"/>		Annex 1 of the Habitat Directive (Council Directive 92/43/EEC)
4030 European dry heaths	<input checked="" type="checkbox"/>		Annex 1 of the Habitat Directive (Council Directive 92/43/EEC)
6230 Species-rich Nardus grasslands, on siliceous substrates in mountain areas	<input checked="" type="checkbox"/>		Annex 1 of the Habitat Directive (Council Directive 92/43/EEC)
6410 Mulinia meadows on calcareous, peaty or clayey-silt-laden soils (Molinion caeruleae)	<input checked="" type="checkbox"/>		Annex 1 of the Habitat Directive (Council Directive 92/43/EEC)
6430 Hydrophilous tall herb fringe communities of plains and of the montane to alpine levels	<input checked="" type="checkbox"/>		Annex 1 of the Habitat Directive (Council Directive 92/43/EEC)
7140 Transition mires and quaking bogs	<input checked="" type="checkbox"/>		Annex 1 of the Habitat Directive (Council Directive 92/43/EEC)
7230 Alkaline fens	<input checked="" type="checkbox"/>		Annex 1 of the Habitat Directive (Council Directive 92/43/EEC)
9170 Galio-Carpinetum oak-hornbeam forests	<input checked="" type="checkbox"/>		Annex 1 of the Habitat Directive (Council Directive 92/43/EEC)
91D0 Bog woodland	<input checked="" type="checkbox"/>		Annex 1 of the Habitat Directive (Council Directive 92/43/EEC)
91E0 Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)	<input checked="" type="checkbox"/>		Annex 1 of the Habitat Directive (Council Directive 92/43/EEC)

Optional text box to provide further information

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

4.1 - Ecological character

The site is located in the Northern Podlasie Lowland in the old river valley of post-glacial origin. The Narew River valley of the width of 2 – 4 km is flat and swampy. The River flows through multiple riverbeds that alternatively separate and unite creating irregular, complex network. Apart from active riverbeds there are many oxbows and old channels overgrown fully or partially by wetland vegetation. Active channels are fairly deep, from 3 – 6 m or even deeper. The channels are separated with sandy islets rising above flat bottom of the valley and in spring are inundated by freshet waters. One flooding period normally occurs due to snow melting during early spring and there is one period of low water between July and October. The River is fringed with fens (fluviogenous mires) and covered by reed and sedge beds, and interspersed by willow shrubs and alder and birch woods. Soils are mostly organic - muddy, peaty or develop from decaying peats. Water quality is generally low, but steadily improving in view of the progress in water treatment. Local climate is considered continental with low temperatures of winter months and high amplitude of yearly averages amounting to 23°C.

The wetland is a 35 km section of a natural swampy valley within the borders of the National Park. The valley is wide as of a typical lowland river with a very well developed system of bends, oxbows and highly sinuous riverbed breaking through moraine hills. The wetland's landscape and wildlife features provide for its outstanding value for biodiversity conservation. Owing to specific hydrological and geological conditions 90% of the site is swampy and inaccessible to people providing excellent refuge for rich flora and fauna, especially for local and migrating waterfowl. One of the most important Polish breeding sites for Aquatic Warbler (*Accephalus paludicola*); regularly holds significant numbers of Black-tailed Godwit (*Limosa limosa*).

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 > Flowing water >> M: Permanent rivers/ streams/ creeks		2	661	Representative
Saline, brackish or alkaline water > Marshes & pools >> Ss: Seasonal/ intermittent saline/ brackish/ alkaline marshes/ pools		2		
Fresh water > Lakes and pools >> Tp: Permanent freshwater marshes/ pools		4		
Fresh water > Marshes on peat soils >> U: Permanent Non-forested peatlands		1	5366	Representative
Fresh water > Marshes on inorganic soils >> W: Shrub-dominated wetlands		4		
Fresh water > Marshes on inorganic soils >> Xf: Freshwater, tree-dominated wetlands		3		Representative
Fresh water > Marshes on peat soils >> Xp: Permanent Forested peatlands		3		Representative

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		1		Representative
4: Seasonally flooded agricultural land		2		
9: Canals and drainage channels or ditches		3		

4.3 - Biological components

4.3.1 - Plant species

Other noteworthy plant species

Scientific name	Common name	IUCN Red List	Position in range / endemism / other
<i>Gladiolus imbricatus</i>			Polish Red List NT, strictly protected in Poland
<i>Verbium opulus</i>	guelder-rose		

Invasive alien plant species

Scientific name	Common name	IUCN Red List	Impacts	Changes at RIS update
<i>Acer negundo</i>	Ash-leaved Maple		Actually (minor impacts)	unknown
<i>Bidens frondosa</i>	Devil's beggar-ticks		Potentially	unknown
<i>Cornus sericea</i>	Red Osier Dogwood		Potentially	unknown
<i>Echinocystis lobata</i>	Wild Cucumber		Actually (minor impacts)	unknown
<i>Impatiens glandulifera</i>	Himalayan Balsam		Potentially	unknown
<i>Impatiens parviflora</i>	Small Balsam		Potentially	unknown
<i>Prunus serotina</i>	Black Cherry		Potentially	unknown
<i>Reynoutria japonica</i>	Japanese Knotweed		Potentially	unknown
<i>Solidago canadensis</i>	Canada Goldenrod		Potentially	unknown
<i>Solidago gigantea</i>	Giant Goldenrod		Potentially	unknown

4.3.2 - Animal species

Other noteworthy animal species

Phylum	Scientific name	Common name	IUCN Red List	Pop. size	Period of pop. est.	%occurrence	Position in range /endemism/other
ARTHROPODA/INSECTA	<i>Coenonympha oedippus</i>	False Ringlet					
ARTHROPODA/INSECTA	<i>Coenonympha tullia</i>	Common Ringlet					
ARTHROPODA/INSECTA	<i>Ectemnius fossorius</i>						
ARTHROPODA/INSECTA	<i>Leucorrhinia pectoralis</i>	Yellow-spotted Whiteface					
ARTHROPODA/INSECTA	<i>Lycaena dispar</i>	Large Copper					
ARTHROPODA/INSECTA	<i>Maculinea alcon</i>	Alcon Blue					
ARTHROPODA/INSECTA	<i>Ophiogomphus cecilia</i>	Green Snaketail					
ARTHROPODA/INSECTA	<i>Polistes dominula</i>	European Paper Wasp					
ARTHROPODA/INSECTA	<i>Somatochlora arctica</i>	Northern Emerald					

Invasive alien animal species

Phylum	Scientific name	Common name	IUCN Red List	Impacts	Changes at RIS update
CHORDATA/ACTINOPTERYGII	<i>Carassius gibelio</i>	Prussian Carp		Actually (minor impacts)	unknown
CHORDATA/MAMMALIA	<i>Neovison vison</i>	American Mink		Actually (major impacts)	unknown
ARTHROPODA/MALACOSTRACA	<i>Orconectes limosus</i>	spinycheek crayfish		Actually (minor impacts)	unknown

Optional text box to provide further information

Other noteworthy animal species:
Scolia hirta

4.4 - Physical components

4.4.1 - Climate

Climatic region	Subregion
D: Moist Mid-Latitude climate with cold winters	Dfb: Humid continental (Humid with severe winter, 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.

Narew River.

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

Please provide further information on the soil (optional)

Soils are mostly organic - muddy, peaty or developed from decaying peats.

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 rainfall	<input type="checkbox"/>	No change
Water inputs from surface water	<input checked="" type="checkbox"/>	No change
Water inputs from groundwater	<input type="checkbox"/>	No change

Water destination

Presence?	Changes at RIS update
Feeds groundwater	No change
To downstream catchment	No change
Marine	No change

Stability of water regime

Presence?	Changes at RIS update
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.

One flooding period normally occurs due to snow melting during early spring and there is one period of low water between July and October. The main factor that might adversely affect the ecological character of the site is a diminished upstream water input, in view of the Siemianowka dam at the Byelorussian-Polish border.

4.4.5 - Sediment regime

Sediment regime is highly variable, either seasonally or inter-annually

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

Sediment regime unknown

4.4.6 - Water pH

Alkaline (pH>7.4)

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

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

Eutrophic

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

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 i) broadly similar ii) significantly different site itself.

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
Wetland non-food products	Livestock fodder	Low
Wetland non-food products	Reeds and fibre	Low

Regulating Services

Ecosystem service	Examples	Importance/Extent/Significance
Maintenance of hydrological regimes	Groundwater recharge and discharge	Low
Pollution control and detoxification	Water purification/waste treatment or dilution	Low
Hazard reduction	Flood control, flood storage	Low

Cultural Services

Ecosystem service	Examples	Importance/Extent/Significance
Recreation and tourism	Recreational hunting and fishing	High
Recreation and tourism	Water sports and activities	High
Recreation and tourism	Picnics, outings, touring	High
Recreation and tourism	Nature observation and nature-based tourism	High
Spiritual and inspirational	Inspiration	Low
Spiritual and inspirational	Cultural heritage (historical and archaeological)	High
Spiritual and inspirational	Contemporary cultural significance, including for arts and creative inspiration, and including existence values	High
Spiritual and inspirational	Spiritual and religious values	Low
Spiritual and inspirational	Aesthetic and sense of place values	Low
Scientific and educational	Educational activities and opportunities	High
Scientific and educational	Important knowledge systems, importance for research (scientific reference area or site)	High
Scientific and educational	Major scientific study site	High
Scientific and educational	Long-term monitoring site	High

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
Soil formation	Sediment retention	Medium
Soil formation	Accumulation of organic matter	Medium
Nutrient cycling	Carbon storage/sequestration	High

Within the site:

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
- 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
- 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

<no data available>

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
National/Federal government	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Private ownership

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

Other

Category	Within the Ramsar Site	In the surrounding area
Unspecified mixed ownership	<input 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:

Regional Directorate of Environment Protection in Białystok
Narew River National Park - local administration and implementation of nature conservation

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

Ryszard Modzelewski, Director of the Narew River National Park

Postal address:

1) ul. Dojlidy Fabryczne 23, 15-554 Białystok, Poland
sekretariat.bialystok@rdos.gov.pl

2) Kurowo 10; 18-204 Kobylin Borzymy, Poland
npr@nprn.pl

E-mail address:

sekretariat.bialystok@rdos.gov.pl

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	unknown impact	unknown impact	<input type="checkbox"/>	No change	<input checked="" type="checkbox"/>	increase

Water regulation

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

Agriculture and aquaculture

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

Energy production and mining

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Renewable energy	unknown impact		<input checked="" type="checkbox"/>	increase	<input 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
Shipping lanes	unknown impact		<input checked="" type="checkbox"/>	unknown	<input type="checkbox"/>	No change

Biological resource use

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Logging and wood harvesting	unknown impact		<input checked="" type="checkbox"/>	unknown	<input type="checkbox"/>	No change
Fishing and harvesting aquatic resources	unknown impact		<input checked="" type="checkbox"/>	unknown	<input 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	unknown impact		<input checked="" type="checkbox"/>	increase	<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
Fire and fire suppression	unknown impact		<input checked="" type="checkbox"/>	unknown	<input type="checkbox"/>	No change
Vegetation clearance/land conversion	unknown impact		<input checked="" type="checkbox"/>	unknown	<input 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	unknown impact		<input checked="" type="checkbox"/>	increase	<input type="checkbox"/>	No change
Problematic native species	unknown impact		<input checked="" type="checkbox"/>	increase	<input type="checkbox"/>	No change

Pollution

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Household sewage, urban waste water	unknown impact		<input checked="" type="checkbox"/>	unknown	<input checked="" type="checkbox"/>	No change
Agricultural and forestry effluents	unknown impact		<input checked="" type="checkbox"/>	No change	<input checked="" type="checkbox"/>	No change
Garbage and solid waste	unknown impact		<input checked="" type="checkbox"/>	unknown	<input checked="" type="checkbox"/>	unknown

5.2.2 - Legal conservation status

Regional (international) legal designations

Designation type	Name of area	Online information url	Overlap with Ramsar Site
EU Natura 2000	Bagienna Dolina Narwi PLB200001		whole
EU Natura 2000	Narwiańskie Bagna PLH200002		whole

National legal designations

Designation type	Name of area	Online information url	Overlap with Ramsar Site
National Park	Narew River National Park		whole

Non-statutory designations

Designation type	Name of area	Online information url	Overlap with Ramsar Site
Important Bird Area	Bagienna Dolina Narwi PL049		whole

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

<no data available>

5.2.4 - Key conservation measures

Legal protection

Measures	Status
Legal protection	Implemented

Habitat

Measures	Status
Habitat manipulation/enhancement	Partially implemented
Improvement of water quality	Proposed
Hydrology management/restoration	Partially implemented

Species

Measures	Status
Threatened/rare species management programmes	Partially implemented
Control of invasive alien animals	Partially implemented

Human Activities

Measures	Status
Management of water abstraction/takes	Proposed
Livestock management/exclusion (excluding fisheries)	Proposed
Fisheries management/regulation	Implemented
Harvest controls/poaching enforcement	Partially implemented
Regulation/management of recreational activities	Implemented
Communication, education, and participation and awareness activities	Implemented
Research	Implemented

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

5.2.6 - Planning for restoration

Is there a site-specific restoration plan? No, but restoration is needed

Further information

The problem identified lies outside the boundaries of the RAMSAR area and the National Park. These are negative impacts on water flow as a result of the Siemianówka reservoir in the upper part of the Narew River. At present, there are no legal, social or practical mechanisms that can allow the restoration of the state of the Narew valley to the previous one.

5.2.7 - Monitoring implemented or proposed

Monitoring	Status
Birds	Implemented
Water regime monitoring	Implemented
Water quality	Implemented
Plant species	Proposed
Animal community	Implemented

6 - Additional material

6.1 - Additional reports and documents

6.1.1 - Bibliographical references

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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

<no file available>

iv. relevant Article 3.2 reports

<no file available>

v. site management plan

<no file available>

vi. other published literature

<no file available>

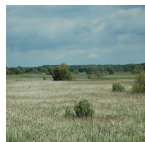
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6.1.3 - Photograph(s) of the Site

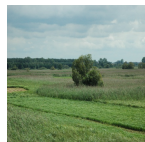
Please provide at least one photograph of the site:



Narew River Valley near Bokiny Village (*Monika Szewczyk, 19-07-2011*)



Narew River Valley near Bokiny Village (*Monika Szewczyk, 21-07-2011*)



Narew River Valley near Bokiny Village (*Monika Szewczyk, 21-07-2011*)



Narew River Valley near Suraz City (*Monika Szewczyk, 27-06-2007*)



Narew River Oxbow Lake
near Suraz City (*Monika
Szawczyk, 17-07-2011*)

6.1.4 - Designation letter and related data

Designation letter

<1 file(s) uploaded>

Date of Designation