



Ramsar Information Sheet

Published on 6 October 2023

Update version, previously published on : 1 January 1992

Germany

Eastern shore of Lake Müritz



Designation date	31 July 1978
Site number	172
Coordinates	53°26'34"N 12°46'21"E
Area	4 974,00 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 area of the Ramsar site is covered by forests, fens and lakes. The surface has been formed during the Vistula glacial. The current shore line is the result of water regulation measures during the first half of the 19th century, when the water level was lowered. On parts of the dry-fallen lake terraces natural succession took place, only slightly influenced by humans. Some other parts were grazed by cattle. Around Müritzhof (an estate near to the shore of lake Müritz) clay and sand were excavated for brick production. The excavation pits later got filled with water. The site includes a complex of lakes, some artificially regulated; marshes, reedbeds, peatland, pasture, Juniperus heath and dry pine forests. The area is an important resting site for various waterbirds and supports a rich marsh flora and a diverse invertebrate fauna. About 20 % of the area are is covered by lakes. Dry areas are covered by Juniperus heath and dry pine forests, wet areas are covered by mixed deciduous forests, fens and reeds.

2 - Data & location

2.1 - Formal data

2.1.1 - Name and address of the compiler of this RIS

Responsible compiler

Institution/agency	International Cooperation on Biodiversity Ramsar Focal Point Germany Federal Ministry for the Environment, Nature Conservation, Nuclear Safety and Consumer Protection
Postal address	Stresemannstraße 128 - 130, 10117 Berlin, Germany

National Ramsar Administrative Authority

Institution/agency	Federal Ministry for the Environment, Nature Conservation and Nuclear Safety Division N I 4 "International Cooperation on Biodiversity"
Postal address	Robert-Schuman-Platz 3 D-53175 Bonn Germany

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)	Eastern shore of Lake Müritz
Unofficial name (optional)	Ostufer Müritz

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

(Update) For secretariat only: This update is an extension

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? Not evaluated

2.2 - Site location

2.2.1 - Defining the Site boundaries

b) Digital map/image

<1 file(s) uploaded>

Former maps

Boundaries description

The border does not follow fixed land marks. In the south, the area includes a 500 m wide strip of the lake Mueritz, the border is running 500 m off the shore. The western, north-eastern and south-eastern borders are crossing forest areas. The lakes Moorsee, Warnker See, Rederangsee, Specker See, Hofsee, and Priesterbäker See (from north-west to south-east) are included in the Ramsar site. The Ramsar Site is fully included in the EU Natura 2000 site and the National Park.

2.2.2 - General location

a) In which large administrative region does the site lie?	District: Mecklenburgische Seenplatte; State: Mecklenburg-Western Pomerania; Federal Republic of Germany
b) What is the nearest town or population centre?	Waren/Müritz

2.2.3 - For wetlands on national boundaries only

RIS for Site no. 172, Eastern shore of Lake Müritz, Germany

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
Marine Ecoregions of the World (MEOW)	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

Other reasons

The Ramsar site is a representative example of meso- to eutrophic lakes of glacial origin of the Vistula glacial in Mecklenburg-Western Pomerania. It includes forested areas as well as extensive reed beds. It is an important resting site for cranes and waterfowl.

- Criterion 2 : Rare species and threatened ecological communities

- Criterion 3 : Biological diversity

Justification

The variety of different habitat conditions provides the basis for the existence of a very high diversity of plant and animal species, among them rare and highly specialized species.

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

- Criterion 5 : >20,000 waterbirds

Overall waterbird numbers

> 20.000 during autumn migration (ducks, especially tufted duck, cranes and geese)

Start year

2007

End year

2019

Source of data:

LUNG MV, NPA Müritz

- Criterion 6 : >1% waterbird population

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

Phylum	Scientific name	Criterion 2	Criterion 3	Criterion 4	IUCN Red List	CITES Appendix I	Other status	Justification
Plantae								
TRACHEOPHYTA / LILIOPSIDA	<i>Anacamptis morio</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	EN, Red List Germany, 2020	
TRACHEOPHYTA / LILIOPSIDA	<i>Cladium mariscus</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LC	<input type="checkbox"/>	VU, Red List Germany, 2020	
TRACHEOPHYTA / LILIOPSIDA	<i>Dactylorhiza incarnata</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	VU, Red List Germany, 2020	
TRACHEOPHYTA / LILIOPSIDA	<i>Dactylorhiza majalis</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	VU, Red List Germany, 2020	
TRACHEOPHYTA / LILIOPSIDA	<i>Epipactis palustris</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LC	<input type="checkbox"/>	VU, Red List Germany, 2020	
TRACHEOPHYTA / MAGNOLIOPSIDA	<i>Gentianella campestris baltica</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	VU, Red List Germany, 2020	
TRACHEOPHYTA / MAGNOLIOPSIDA	<i>Gentianella uliginosa</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	CR, Red List Germany, 2020	
TRACHEOPHYTA / MAGNOLIOPSIDA	<i>Helosciadium repens</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Annex II and IV of the Habitat Directive	
TRACHEOPHYTA / LILIOPSIDA	<i>Liparis loeselii</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Rare species, annex II and IV of the Habitat Directive	
TRACHEOPHYTA / MAGNOLIOPSIDA	<i>Pinguicula vulgaris</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LC	<input type="checkbox"/>	VU, Red List Germany, 2020	
TRACHEOPHYTA / LILIOPSIDA	<i>Platanthera bifolia</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	VU, Red List Germany, 2020	
TRACHEOPHYTA / LILIOPSIDA	<i>Schoenus nigricans</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LC	<input type="checkbox"/>	EN, Red List Germany, 2020	

supports rare/endangered species

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

Phylum	Scientific 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								
Others																	
CHORDATA / MAMMALIA	<i>Lutra lutra</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"/>				NT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Annex II, IV Habitat Directive	
Birds																	
CHORDATA / AVES	<i>Anser anser</i>	<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"/>		Breeding
CHORDATA / AVES	<i>Aythya fuligula</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	10500	2007-2013	1.2	LC	<input type="checkbox"/>	<input type="checkbox"/>		N-W Europe
CHORDATA / AVES	<i>Circus cyaneus</i>	<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"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Annex I, Birds Directive	wintering
CHORDATA / AVES	<i>Falco peregrinus</i>	<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"/>				LC	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Annex I, Birds Directive	Breeding
CHORDATA / AVES	<i>Gallinago gallinago</i>	<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"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	CR, Red List Germany 2020	Breeding
CHORDATA / AVES	<i>Grus grus</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	13500	2015-2019	3.9		<input type="checkbox"/>	<input type="checkbox"/>	Annex I, Birds Directive	Breeding; Population North-west Europe/Iberia & Morocco
CHORDATA / AVES	<i>Haliaeetus albicilla</i>	<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"/>				LC	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Annex I, Birds Directive	Breeding
CHORDATA / AVES	<i>Netta rufina</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	650	2007-2013	1.2	LC	<input type="checkbox"/>	<input type="checkbox"/>		Population South-west & Central Europe/West Mediterranean
CHORDATA / AVES	<i>Pandion haliaetus</i>	<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"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Annex I, Birds Directive; VU, Red List Germany, 2020	Breeding
CHORDATA / AVES	<i>Upupa epops</i>	<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"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	VU, Red List Germany, 2020U, Red List Germany, 2020	Breeding
CHORDATA / AVES	<i>Vanellus vanellus</i>	<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"/>				NT	<input type="checkbox"/>	<input type="checkbox"/>	EN, Red List Germany 2020	Breeding

1) Percentage of the total biogeographic population at the site

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

<no data available>

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

4.1 - Ecological character

The area is characterized by a mosaic of lakes, swamplands and dry areas, to a large extent covered by forests, reeds, shrubby vegetation or heath. The variety of different habitat conditions provides is the basis for the existence of a very high diversity of plant and animal species, among them rare and highly specialized species. The area is strictly protected and hence almost not influenced by human disturbances. There are only few roads open for the public and people are not allowed to leave the roads.

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 >> O: Permanent freshwater lakes		2	1277	Representative
Fresh water > Lakes and pools >> Tp: Permanent freshwater marshes/pools		1	2181	Representative
Fresh water > Marshes on inorganic soils >> Ts: Seasonal/intermittent freshwater marshes/pools on inorganic soils		0		Representative
Fresh water > Marshes on peat soils >> U: Permanent Non-forested peatlands		3	424	Representative
Fresh water > Marshes on inorganic soils >> W: Shrub-dominated wetlands		4	9	Representative
Fresh water > Marshes on inorganic soils >> Xf: Freshwater, tree-dominated wetlands		3	556	Representative
Fresh water > Marshes on peat soils >> Xp: Permanent Forested peatlands		4	59	Representative

Human-made wetlands

Wetland types (code and name)	Local name	Ranking of extent (1: greatest - 4: least)	Area (ha) of wetland type
4: Seasonally flooded agricultural land			

Other non-wetland habitat

Other non-wetland habitats within the site	Area (ha) if known
Heath / Juniperus shrubs	

4.3 - Biological components

4.3.1 - Plant species

Other noteworthy plant species

Phylum	Scientific name	Position in range / endemism / other
TRACHEOPHYTALILIOPSIDA	<i>Gymnadenia conopsea</i>	Rare species in Mecklenburg-Western Pomerania, known only from 6 sites.
TRACHEOPHYTALILIOPSIDA	<i>Orchis mascula</i>	It is the only occurrence of the species in Mecklenburg-Western Pomerania

4.3.2 - Animal species

Invasive alien animal species

Phylum	Scientific name	Impacts	Changes at RIS update
CHORDATA/MAMMALIA	<i>Neovison vison</i>	Potential	increase
CHORDATA/MAMMALIA	<i>Nyctereutes procyonoides</i>	Potential	increase
CHORDATA/MAMMALIA	<i>Procyon lotor</i>	Potential	increase

4.4 - Physical components

4.4.1 - Climate

Climatic region	Subregion
C: Moist Mid-Latitude climate with mild winters	Cfb: Marine west coast (Mild 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.

The Ramsar site drains towards the river Elde.

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)

The soil spectrum reaches from organic/wet and inorganic/wet to inorganic/dry.

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 precipitation	<input type="checkbox"/>	No change
Water inputs from surface water	<input type="checkbox"/>	No change

Water destination

Presence?	Changes at RIS update
Feeds groundwater	increase
To downstream catchment	increase

Stability of water regime

Presence?	Changes at RIS update
Water levels largely stable	No change

4.4.5 - Sediment regime

Sediment regime unknown

4.4.6 - Water pH

Circumneutral (pH: 5.5-7.4)

(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

Mesotrophic

(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 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
Wetland non-food products	Livestock fodder	Low

Regulating Services

Ecosystem service	Examples	Importance/Extent/Significance
Maintenance of hydrological regimes	Groundwater recharge and discharge	Low

Cultural Services

Ecosystem service	Examples	Importance/Extent/Significance
Scientific and educational	Important knowledge systems, importance for research (scientific reference area or site)	Medium
Scientific and educational	Long-term monitoring site	High
Scientific and educational	Major scientific study site	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

Within the site: 100s

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

Traditional mowing and grazing with the aim to conserve rare plant species and biotopes

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

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
Provincial/region/state government	<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:

Nationalparkamt Müritz

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

Ulrich Meißner

Postal address:

Schlossplatz 3, 17237 Hohenzieritz

E-mail address:

poststelle@npa-mueritz.mnvet.de

5.2 - Ecological character threats and responses (Management)

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

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	Medium impact		<input checked="" type="checkbox"/>	increase	<input checked="" type="checkbox"/>	increase

Please describe any other threats (optional):

Several biotopes and species require management measures. Succession and overgrowth as a consequence of insufficient or inappropriate management is a potential threat.

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	{Müritz 2542-302} Müritz-Seenland und Neustrelitzer Kleinseeplatte 2642-401		whole

National legal designations

Designation type	Name of area	Online information url	Overlap with Ramsar Site
national park	Müritz Nationalpark		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

5.2.4 - Key conservation measures

Legal protection

Measures	Status
Legal protection	Implemented

Species

Measures	Status
Threatened/rare species management programmes	Implemented

Human Activities

Measures	Status
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

URL of site-related webpage (if relevant):

5.2.6 - Planning for restoration

Is there a site-specific restoration plan? No need identified

5.2.7 - Monitoring implemented or proposed

Monitoring	Status
Water regime monitoring	Implemented
Plant community	Implemented
Animal community	Implemented
Birds	Implemented

6 - Additional material

6.1 - Additional reports and documents

6.1.1 - Bibliographical references

Zentrale für Wasservogelforschung und Feuchtgebietsschutz in Deutschland / Dachverband Deutscher Avifaunisten (1993): Die Feuchtgebiete Internationaler Bedeutung in der Bundesrepublik Deutschland. 110-114.

Abdank, A., Meysel, F., Krumbiegel, A., Kergel, K., Ringel, H. & Thiele, S. (2014): Pflege- und Nutzungshinweise zu botanischen Zielarten – Ergänzungen zum Pflegekonzept „Müritzhof“, unveröff. Managementempfehlungen für den Müritzhof im Nationalpark Müritz, 11 S.

Kergel, Klaus (2011): Kleines Knabenkraut (*Orchis morio*) auf der Spuklochkoppel am Ostufer der Müritz im Müritz-Nationalpark 2011, In Fachgruppe Botanik Waren (Hrsg.): Jahresberichte der Fachgruppe Botanik „Carl Struck“ (2011) - VI. Jahresbericht 2011, Waren, S. 12-15

Köber, A. (2001): Vegetations- und standortkundliche Untersuchungen der Hudelandschaft am Ostufer der Müritz. Diplomarbeit Universität Greifswald, Botanisches Institut

Krumbiegel, Anselm (2008): Zur Vergesellschaftung von *Gentianella campestris* ssp. *Baltica* am Ostufer der Müritz (Mecklenburg-Vorpommern) und bei Ballenstedt am Nordharzrand (Sachsen-Anhalt). *Hercynia* N.F. 41: 219-238

Krumbiegel, Anselm & Kergel, Klaus (2007): Bestandsentwicklung und Vergesellschaftung von *Orchis morio* am Ostufer der Müritz mit einem soziologischen Vergleich zu Mitteldeutschland. *Bot. Rundbr.für M-V* 42: 75-90

Krumbiegel, Anselm (2009): Monitoring von *Orchis morio* und *Gentianella baltica* auf der Spuklochkoppel am Ostufer der Müritz (Müritz-Nationalpark). – In: Fachgruppe Botanik Waren (Hrsg.): Jahresberichte der Fachgruppe Botanik „Carl Struck“ (2009) - IV. Jahresbericht 2009, Waren, S. 32-35

Krumbiegel, Anselm (2010): Vegetationserfassung auf den Dauerbeobachtungsflächen von *Orchis morio* und *Gentianella baltica* auf der Spuklochkoppel am Ostufer der Müritz im Jahr 2010 - In: Fachgruppe Botanik Waren (Hrsg.): Jahresberichte der Fachgruppe Botanik „Carl Struck“ (2010) - V. Jahresbericht 2010, Waren, S. 20-25

Krumbiegel, Anselm (2011): Vegetationserfassung auf den Dauerbeobachtungsflächen von *Orchis morio* und *Gentianella baltica* auf der Spuklochkoppel am Ostufer der Müritz im Jahr 2011, In Fachgruppe Botanik Waren (Hrsg.): Jahresberichte der Fachgruppe Botanik „Carl Struck“ (2011) - VI. Jahresbericht 2011, Waren, S. 12-15

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

<1 file(s) uploaded>

vi. other published literature

<1 file(s) uploaded>

6.1.3 - Photograph(s) of the Site

Please provide at least one photograph of the site:



Ostuf der Müritz Luftbild (Ulrich Meißner, 14-08-2015)



Ostuf der Müritz (Agency for the Environment, Nature Conservation and Geology Mecklenburg Western-Pomerania, 14-08-2015)

6.1.4 - Designation letter and related data

Designation letter

<1 file(s) uploaded>

Date of Designation