

## INFORMATION SHEET ON RAMSAR WETLANDS

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**Name of wetland:** Boddengewässer Osteil Zingst, Westküste Rügen, Hiddensee

**Date of Ramsar designation:** 10 October 1978

**Geographical coordinates:** 54°23'-54°36'N 12°50'-13°16'E

**General location:** Land Mecklenburg-Vorpommern, 20 km N of Stralsund

**Area:** 26,250 ha

**Wetland type:**A B E H J W

**Altitude:** 0-73 m above sea level, average 5 m a.s.l.

**Overview:** A complex of islands, peninsulas, "Bodden" and other shallow water areas, which is an important resting site for cranes, geese and ducks, and important breeding site for waders. The site is part of a National Park.

**Physical features:** Changes between pleocene cores resulting from sea level increase and holocene floodplain deposits, which are still very dynamic even nowadays. The shoreline varies greatly from higher and lower cliffs to sandy beaches of the flat coast. A special feature of the site is the wind-sandbank ("Wind-Watt") to the East of Zingst caused by fluctuations in the waterlevel due to the influence of high winds. Peat swamps have developed on the flat areas of the coast. Salinity and pollution of the coastal waters are vary greatly as the water-exchange often depends on wind conditions. The channels are dredged.

**Ecological features:** The dominant shallow water areas of the site can be divided into the following three zones: i) close-to-the-beach-zone ("strandnahe Enteromophazone"); ii) "Meeressalden - Kammlaichtwanzenzone" (up to deeper waters); and iii) *Zostera marina*-zone (>2 m depth). The periodically dry sand-banks (and "Sand- und Schinkplatten") are relatively poor of organisms; (Nereid, Arenicola), however, play a major role as feeding habitat for waders. Grazing areas on saline pasture, "Sandhaken", boulder clay and other mineral soils are scattered.

**Land tenure/ownership of**

**a) site:** ownership by the Bundesland is predominant; in addition, there is ownership by the Communes, and to a smaller extent private ownership.

**b) surrounding area:** as for a)

**Conservation measures taken:** There are 8 Nature Reserves in the site, established at different times (started round 1900); 13.07.84: Mangement Guidelines were developed by the District Council;

01.10.1990: Decree on the establishment of the National Park "Vorpommersche Boddenlandschaft", the Eastern borders of the National Park are identical to the Ramsar site borders, but its Western ones extend further than the Ramsar borders.

**Conservation measures proposed but not yet implemented:**

A development concept for the National Park is in preparation

- since the establishment of the National Park there is no independent planning for the Ramsar site

**Current land use: principal human activities in**

**a) site:** Ship- and boat-traffic; fisheries and angling sport, recreational activities, cattle grazing, settlements

**b) surroundings/catchment:** also arable land and hunting

**Disturbances/threats, including changes in land use and major development projects**

**a) at the site:** Deterioration of the water quality of the Ostsee.

Deterioration of the water quality of the shallow water bodies has been (temporarily) slowed down or stopped (stagnation of agriculture and industry)

**b) in the surroundings/catchment:** no information supplied.

**Hydrological and physical values:** not worth mentioning.

**Social and cultural values:** Leisure activities, fisheries, cultural landscape management on the Island of Hiddensee.

**Noteworthy fauna:**

- autumn-migration resting site for cranes
- autumn-migration resting site and wintering site for nordic geese and ducks
- passing and resting site for waders
- breeding site for *Calidris alpina*, *Philomachus pugnax*, *Recurvirostra avosetta*, *Tringa totanus* and others.

Rare coastal insects

**Noteworthy flora:** Saline flora including *Limonium vulgare*, *Artemisia maritima*, *Parapholis strigosa*, *Puccinellra maritima*, *Halimioie pedunculata*.

**Current scientific research and facilities:** Annual

ornithological counts.

**Current conservation education:** Guided tours to Zingst (Pramort) and to Hiddensee; observation hides and information boards; National Park guides.

**Current recreation and tourism:** Water sport activities of any kind during the summer season due to missing traffic regulations

**Management authority:** Nationalparkamt, Aussenstelle Born, O-2382 Born, Forsthaus

**Jurisdiction:** Ministerium für Umwelt und Natur Mecklenburg-Vorpommern

**Bibliographical references:**

- Jeselki, Dr. G. Klafs, H. Schmidt, W. Startz: Die Naturschutzgebiete der Bezirke Rostock, Schwerin und Neubrandenburg. HandG. d. Naturschutzg. d. DDR. Hersg. H. Weinischke. Bd. 1 1980  
(Nature Reserves in the Districts Rostock, Schwerin and Neubrandenburg).
- Graumann, G. D. Jätzel, S. Müller, H. Zöllnitz: Die Vögel des NSG "Bock und Hohe Düne von Pramort". Natur in Naturschutz: Meckl. Bd. 16, 5-79, 1980.  
(Birds of the Nature Reserve "Bock und Hohe Düne von Pramort")
- Müller Mockfeld: Ein Beitrag zur Käuferfauna der NSG "Bock und Hohe Düne Pramort". Nacharbeit in Mecklenburg-Vorpommern 34, 1 S. 51-56.  
(probably: A contribution to the beetle-fauna of the Nature Reserve "Bock und Hohe Düne Pramort").

**Reasons for inclusion:** 1 (a) (c); 2 (a) (b) (c); 3 (b)

**Map of site:** not enclosed!