

INFORMATION SHEET ON RAMSAR WETLANDS

Country: Germany

Date: May 1992

Ref: 7DE013

Name and address of compiler:

Bayer. Landesamt für Umweltschutz
Rosenkavalierplatz 3
W-8000 München 81
Tel: 089/9214-3233
Fax: 089/9214-3381

Name of wetland: Ismaninger Speichersee mit Fischteichen

Date of Ramsar designation: 25.02.76

Geographical coordinates: 48°13'N, 11°44'E

General location: Bundesland Bayern; ca. 25 km to NE of the city centre of Munich.

Area: 955 ha

Wetland type: 1, 6

Altitude: 496 m above sea level

Overview:

- Artificial reservoir with few narrow beach areas (582 ha)
- 30 Artificial fish ponds, filled from mid-March to end of October (233 ha).

Physical features: The artificial reservoir with fish ponds lies in a former peat bog area (Niedermoor) (südliches Erdinger Moos) and is surrounded by agricultural land (arable fields and pasture). The whole complex is designed for biological end-treatment of waste water from the city of Munich. The water in the complex is a mixture of water from the river Isar and waste water. The water depth in the reservoir is ca. 2 m, in the fish ponds ca. 1 m.

The reservoir contains water throughout the year, whereas the fish ponds are drained in the winter months.

Ecological features: The reservoir and the fish ponds are surrounded by high dams covered with woods. The banks of the reservoir are mostly devoid of vegetation. On the south-bank however, an area in hydro-seral succession has been formed, which features diverse vegetation including reeds and woods in narrow succession. Draining of the fish ponds frees mudflats which are used by waders.

Land tenure/ownership of

a) site: Bayernwerk AG (= some large Ltd. company)

b) surrounding area: private owners (farmers, Bayerische Motorenwerke BMW), road.

Conservation measures taken: Wetland of international Importance; European Nature Reserve; Important Bird Area; Nature Reserve "Südliche Fischteiche" 7.3 ha, 17.12.38; localized and temporally restricted hunting; localized fishing restrictions on the reservoir (no boats); the area is not generally not accessible to the public; only the North- and East-dams of the reservoir have unrestricted access. There is a contract between BMW and the Bayerische Ornithological Society, which contains rules and agreements benefiting nature conservation.

Conservation measures proposed but not yet implemented:
not applicable

Current land use: principal human activities in

a) site: rearing of carp in the fish ponds; angling, restricted to specific areas; localized hunting.

b) surroundings/catchment: agriculture, hunting, industrial complex (road).

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

a) at the site: no known threats

b) in the surroundings/catchment: possible extension of the industrial complex (BMW) in the immediate vicinity of the reservoir.

Hydrological and physical values: The whole complex (reservoir and fish ponds) serves the purpose of biological end-treatment of waste water from the city of Munich.

Social and cultural values: not applicable.

Noteworthy fauna:

Waterbirds:

Moulting:

<i>Aythya ferina</i>	ca.	20,000	(July)
<i>Aythya fuligula</i>	ca.	18,000	(August)
<i>Podiceps nigricollis</i>	ca.	800	(August)

Display:

<i>Anas strepera</i>	ca.	7,000	(August-September)
<i>Netta rufina</i>	ca.	2,500	(August-September)
<i>Anas clypeata</i>	ca.	600	(September-

October)

Breeding:

<i>Phalacrocorax carbo</i>	1991:	126 pairs	tendency:
----------------------------	-------	-----------	-----------

increasing

<i>Ardea cinerea</i>	1991:	45 pairs	tendency:
----------------------	-------	----------	-----------

decreasing

<i>Podiceps nigricollis</i>	1990:	106 pairs	
	1991:	87 pairs	

Wintering:

<i>Anser fabalis</i>	1991/92:	ca.	150	individuals
----------------------	----------	-----	-----	-------------

Noteworthy flora: no information supplied

Current scientific research and facilities: Regular counts of breeding and moulting waterfowl.

Current conservation education: not applicable

Current recreation and tourism: no recreational use or tourism, since the site has no public access.

Management authority: Bayernwerk AG, Blütenburgstrasse 6, W-8000 München 2.

Jurisdiction: no information supplied

Bibliographical references: So far 36 reports have been published in the Newsletter of the Ornithological Society of Bayern (Anzeiger der Ornithologischen Gesellschaft Bayern); last report covered 1985 to 1987.

- Köhler, P. (1991): Mauserzug, Schwingenmauser, Paarbildung und Wegzug der Schnatterente *Anas strepera* im Ismaninger Teichgebiet. Orn. Anz. 30: 115-149. (Moulting migration, Wing Molt, pairing and disappearance of *Anas strepera* in Ismaninger pond area).

Reasons for inclusion: 2a); 3a), 3b), 3c).

Map of site: 1:50,000