INFORMATION SHEET ON RAMSAR WETLANDS

Country: Germany

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Name and address of compiler:

Bayer. Landesamt für Umweltschutz

Rosenkavalierplatz 3, W-8000 München 81, Germany

Tel 89/9214-3233, Fax 89/9214-3381

Name of wetland:

Lech-Donau-Winkel Part A: Lechstausee Feldheim
Part B: Donaustausee Bertoldsheim
(both are reservoirs = Stausee)

Date of Ramsar designation: 25.02.1976

Geographical coordinates:

<u>A:</u> 48°43'N 10°54'E B: 48°44'N 11°00'E

General location:

<u>A:</u> ca. 10 km to the East of the town of Donauwörth, Bundesland Bayern

<u>B:</u> ca. 16 km to the East of the town of Donauwörth, Bundesland Bayern

Area:

A: 91 ha B: 148 ha Total 239 ha

Wetland type: M, 6

Altitude: average of 393 m above sea level

Overview: 2 riverine reservoirs with consolidated artificial banks; development of islands in the area of the dam root (?), with shallow water bodies, reeds and soft wood meadow (Weichholzaue, with shrubs).

Physical features: Reservoirs created by damming of the rivers Lech and Donau; water supply from these rivers. Both reservoirs are used for the production of electricity. Intermediate coastal-continental climate.

<u>A:</u> falling waterlevel betweeen October and April (locks), thereby uncovering large sandbanks and mudflats.

<u>B:</u> irregular fluctuations of the waterlevel, depending on electricity requirements. Maximum depth of water ca. 7 m.

Ecological features: The waterbodies are practically devoid of vegetation, the same applies to the concrete banks. There is growth of islands as well as shallow water bodies, reeds and soft wood meadow in the root area of the dam.

- <u>A:</u> Originally, there were meadows supporting hard wood (Hartholzaue) with *Fraxinus* and *Ulmus* spp. adjacent to the reservoir, these woods been partially converted.
- <u>B:</u> There are extensive meadows supporting hard wood (Hartholzaue) with *Fraxinus* and *Ulmus* spp. and agricultural land surrounding the reservoir.

Land tenure/ownership of

- a) site: government owned
- b) surrounding area: the woods are in government and private ownership.

Conservation measures taken:

- <u>A:</u> Nature Reserve "Vogelfreistätte Feldheimer Stausee", designated 18.05.82, 90.7 ha. Prohibition of hunting, watersports, restricted angling and pedestrian access.
- <u>B:</u> Restrictions on fishing from boats between November and March under civil law.

Conservation measures proposed but not yet implemented: not applicable.

Current land use: principal human activities in a) site:

- <u>A:</u> Angling and recreational activity (restricted by Nature Reserve regulations).
- <u>B:</u> Angling, much leisure and recreational activities (sailing and wind surfing).
- b) surroundings/catchment: forestry, agriculture, ground water exploitation for the extensive Nürnber/Erlangen district.

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

- a) at the site: no information available
- b) in the surroundings/catchment: no information available

Hydrological and physical values: important for flood protection and accumulation of ground water

Social and cultural values:

<u>A & B:</u> important for angling

<u>B:</u> important water body for leisure and recreational activities (sailing and surfing).

Noteworthy fauna:

<u>Waterbirds:</u> maximum daily counts of particular species:

 B:
 Tachybaptus ruficollis
 702 on 29.09.73

 Anas strepera
 472 on 27.12.79

 A&B:
 " 535 on 03.10.91

 A:
 Anas crecca
 2,300 on 22.12.77

 " " 1,600 on 27.11.82

 Aythya ferina
 6,412 on 12.02.77

" during the 1980s, there were only a maximum of 3,300 birds of this species counted on 27.09.80

B: Bucephala clangula 400 on 18.02.84

Netta rufina has bred since 1991

Noteworthy flora: not applicable

Current scientific research and facilities: International waterfowl counts are carried out regularly.

Current conservation education: not applicable

Current recreation and tourism: increased leisure activities, especially sailing and surfing.

Management authority: no information supplied

Jurisdiction: no information supplied

Bibliographical references: no recent publications

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

Map of site: enclosed 1:50,000