

INFORMATION SHEET ON RAMSAR WETLANDS

Country: Germany

Date: 1992

Ref: 7DE025

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Name of wetland: Galenbecker See

Date of Ramsar designation: 10.10.78

Geographical coordinates: 53°37'N 13°44'E

General location: 32 km E NE of Neubrandenburg

Area: 1,015 ha

Wetland type: O, U

Altitude: 8.7 - 9.0 m above sea level

Overview: A shallow lake on the edge of an extensive drained low peatland. Originally, the lake contained eutrophic, clear water, but the water quality has deteriorated due to carp breeding and agriculture.

Physical features: Lying in a glacial basin are up to 20 m deep layers of late-glacial and holocene sediments beneath a 2-5 m deep layer of peat. The peat was drained intensively in the 1950s and 60s. The lake and the a peatland area within the Nature Reserve lie 1-3 m above the agriculturally used area "Friedländer Grosse Wiese" because of the sacculation of the peatbog. Water is draining in uncontrolled ways through the forested area of "Eschholz" into the surroundings. Average depth of water in the lake is only 50 - 80 cm.

Ecological features: The lake, expanding over 750 ha, harbours an intensive biomass production; in some places, there are regenerating *Characeen* communities, which occasionally used to cover the whole water body. The reedbeds are stretching over much of the shore areas, even though they are declining in extent. A former marshy meadow is managed, whilst bushes and woods are developing unused.

Land tenure/ownership of

a) **site:** ownership of the Bundesland

b) **surrounding area:** Bundesland and private ownership

Conservation measures taken: Nature Reserve since 1967, including, for instance, prohibition of waterfowl hunting; fisheries (carp breeding) on the other hand, were not successfully controlled, which caused a deterioration of the ecological character of the lake. Management measures in the shore areas were carried out according the governmental planning and financing.

Conservation measures proposed but not yet implemented: A wide-ranging management plan is in preparation, but its chances for implementation are at present not clear.

Current land use: principal human activities in

a) **site:** fisheries

b) **surroundings/catchment:** agriculture (intensive pasture)

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

a) **at the site:** fisheries with intensive carp breeding despite of restrictions.

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

Hydrological and physical values: information missing

Social and cultural values: information missing

Noteworthy fauna: see annex

Noteworthy flora: information missing

Current scientific research and facilities: The limnological quality of the lake is regularly controlled, and botanical and zoological population surveys are carried out. There is a field station with centres at Heinrichswalde and Galenbeck.

Current conservation education: There is a nature path with view point, an information leaflet and an exhibition.

Current recreation and tourism: The site is little affected by tourism.

Management authority: Ministerium für Umwelt und Natur Mecklenburg-Vorpommern.

Jurisdiction: Ministerium für Umwelt und Natur Mecklenburg-Vorpommern.

Bibliographical references:

- Hoyer, E. 1983. Zur Entwicklung der Brutvogelfauna des NSG Galenbecker See, *Falke* 30: H. 1-3, S. 10-16, 54-57, 94-101. (Development of the breeding bird fauna in the Nature Reserve Galenbecker See. *Falke* 30: 1-3, pp. 10-16, 54-57, 94-101.)

Reasons for inclusion: 1(d), 2(a), 3(b).

Map of site: not enclosed!