

INFORMATION SHEET ON RAMSAR WETLANDS

Country: Switzerland

Date: May 1992

Ref: 7CH002

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Name of wetland: Bolle di Magadino

Date of Ramsar designation: 18 February 1982

Geographical coordinates: 46°09'N 8°52'E

General location: Canton Tessin (Ticino), 20 km N of the city of Lugano

Area: 661 ha

Wetland type: O U X L

Altitude: 200 m

Overview: One of the last-remaining intact natural deltas in Switzerland. Virgin banks and reedbeds on Lago Maggiore. Habitat and reproduction- and area for *Batrachia* (frog-spawning).

Physical features: Sandy soil with 6% CaCO₃; decomposition of ferruginous minerals; mediterranean climate, hot summers and temperate winters, high quality of precipitation during the summer in the form of thunderstorms.

Ecological features: Reedbed, marsh with tall sedges, *megaphorbiae* (?); thickets and borders of *Salix*; riverine woodland in the transition areas between the lake and slow-flowing waterbodies; *Alnus* woods and borders.

Land tenure/ownership of

a) site: various owners

b) surrounding area: no information supplied

Conservation measures taken:

- Article 1802 of the national Inventory of landscapes, natural sites and monuments of national importance;
- Ruling on the protection of the Bolle di Magadino, passed on 30 March 1979

Conservation measures proposed but not yet implemented:

- Article 169 of the Wetland Inventory
- Article 260 of the Inventory of marshy areas
- Articles 2299, 2312, 2314 of the Inventory of low-lying marshes

Current land use: principal human activities in

a) **site:** Nature Conservation, forestry, agriculture, airport, industry

b) **surroundings/catchment:** agriculture, urban areas

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

a) **at the site:** Eutrophication, pressure from tourism, extension of the airport

b) **in the surroundings/catchment:** intensive agriculture

Hydrological and physical values: no information supplied

Social and cultural values: no information supplied

Noteworthy fauna: *Ixobrychus minutus*, *Anas crecca*, *Conturnix conturnix*, *Charadrius dubius*, *Athene noctua*, *Alcedo atthis*, *Acrocephalus arundinaceus*, *Upupa epops*, *Locustella luscinioides*, *Jynx torquilla*, *Saxicola torquata*, *Lanius collurio*.

Noteworthy flora: *Thypha angustifolia*, *Sparganium simples*, *Najas marina*, *Vallisneria spiralis*, *Agropyron litorale*, *Cyperus flavescens*, *Fimbristylis annua*, *Schoenoplectus triquetrus*, *Eleocharis atropurpurea*, *Isolepis setacea*, *Carex pseudocyperus*, *Allium angulosum*, *Amaranthus deflexus*, *Ranunculus circinatus*, *Rorippa anceps*, *Rorippa amphibia*, *Frangaria moschata*, *Amorpha fruticosa*, *Trifolium patnes*, *Elatine hydropiper*, *Elatine hexandra*, *Hippuris vulgaris*, *Gratiola officinalis*, *Litorella uniflora*, *Artemesia verloterum*, *Senecio aquaticus*.

Current scientific research and facilities: no information supplied

Current conservation education: no information supplied

Current recreation and tourism: no information supplied

Management authority:

- Fondazione Bolle di Magadino, Casella postale 3253, 6901 Lugano

- Dipartimento cantonale dell'Ambiente, Ufficio per la protezione della natura, 6501 Bellinzona

Jurisdiction:

- Dipartimento cantonale dell'Ambiente, Ufficio per la protezione della natura, 6501 Bellinzona

Bibliographical references:

- A.A.V.V. Le Bolle di Magadino, 1983, Fondazione Bolle di Magadino.

Reasons for inclusion: no information supplied

Map of site: enclosed 1: 25'000