

INFORMATION SHEET ON RAMSAR WETLANDS

1.- **Country:** Spain

2.- **Date:** March 1993

3.- **Ref.:** 7ES011

4.- **Name and address of the compiler:**

Xunta de Galicia.
Conselleria de Agricultura, Ganaderia y Montes.
Servicio de Medio Ambiente Natural
c/ Benito Corral 47 - 5^o
36071 PONTEVEDRA.

5.- **Name of wetland:**

Complejo intermareal Umia-Grove, A Lanzada, Lagoa Bodeira, Punta de Carreiron.

6.- **Date of Ramsar Designation:**

28.June.1989.

7.- **Geographical coordinates:**

COMPLEJO INTERMAREAL UMIA-GROVE: 42^o 28' N; 8^o 50' W

LAGOA BODEIRA: 42^o 28' N; 8^o 55' W

PUNTA CARREIRON: 42^o 32' N; 8^o 52' W

8.- **General location:**

Pontevedra province
Nearest localities: O Grove (1 km) and Cambados (1km).

9.- **Area:**

2.561'1 Has.

10.- **Wetland type:**

*A, E, F, *G, *K.

11.- **Altitude:**

0-15 m above sea level.

12.- **Overview:**

Intertidal plain including the river Umia mouth: this is the most important wintering site for shorebirds in the atlantic coast.Lagoa Bodeira is a coastal lagoon.A Lanzada is a dunar site.

13.- **Physical features:**

The peninsula is sited on granite.It shows young soils, escarcely developped, Ranker type.In durar areas, incipient arenosoles. Interior areas show Marsch and Sapropel soil types.Umia river is the main one and its width rangles between 12-15 m, whereas its deep, between 45-60 cm.Other streams are occasional.Annual average rain reaches 1.244 mm.Average annual temperature is 14'6^o C.In January is 9'4^o C and in July is 20'5^o C.Sub-zero temperatures are very unlikely.Sub-humid

mediterranean climate with atlantic trend.

14.- Ecological features:

In intertidal muddy plains, marine phanerogams (*Zostera*). In small islands, gramineae, *Ulex* and *Erica umbellata*. In sandy areas, more than 100 species may be found (*Armeria pubigera* and others). Lagoa Bodeira, shows typical reedbeds (*Phragmites sp.*) and cane beds. In the Umia mouth, rushes (*Juncus*). In higher parts of the movil dunes a colonizing association: Cthanto-Ammophiletum arundinaceae.

15.- Land tenure/ownership of:

a) site: The site is located in six Municipalities.

The intertidal area and the beach reach 2.412'5 Has., of which 1.540 Has. are marine zone (Islands, 10 Has.) and 177'5 Has. are A Lanzada beach. Punta Carreiron is 77'5 Has. and Lagoa Bodeira, 71'5 Has., of which 0'2 Has. correspond to the lagoon.

16.- Conservation measures taken:

It is a Hunting Refuge. The whole wetland is included in the "Rexistro Xeral de Espacios Naturales" de Galicia (Updated in may 1991).

It is also included in the Xunta de Galicia Subsidiary Rules of Urbanistic Planning, as a natural area.

17.- Conservation measures proposed, but not yet implemented:

A Natural Resources Development Plan is now being prepared with the aim of being proposed protected under the most suitable figure.

18.- Current land use: principal human activities in:

a) site:

Tourism, shellfishing, fishing, marine aquiculture.

b) surrounding/catchment: The same uses and additionally others like forest exploitation, building and canning industries, horticulture and viticulture.

19.- Disturbances/threats, including changes in land use and major development projects:

a) at the site: Urban and industrial contamination from the neighbouring focal points. Adjacent building industries pour their wastes filling the area. Poaching. Touristic impacts. Sands extractions. Sporadically contamination by ships. Human pressure on the dunes. Uncontrolled urban developments.

b) in the surrounding/catchment; The same statements as in a), but the contamination is more intensive, since the main focuses are located here. Also a strong touristic pressure is being registered.

20.- Hydrological and physical values:

The area owe its main hydrological peculiarities to the river Umia. Other fluvial supplies are small and occasional streams. Lagoa Bodeira is a small coastal freshwater lagoon.

21.- Social and cultural values:

The whole area is under a strong touristic pressure:

sights, beaches, typic sites, watering places and Casino.

Archaeological remainings (roman villa) and legends in A Lanzada.

Pilgrimages and gastronomical fests (O Grove).

Shellfishing interest (Molluscs and bivalbes).

Visual and ecological impacts by human pressure (urban developments) and industries (brickworks) as inxurious elements to the ecological values.

22.- Noteworthy fauna:

Shorebirds and anatidae species, both wintering and breeding, as well as herons: *Ardea cinerea*, *Egretta garzetta*.

In A Lanzada, there are some rare diving species (*Gavia spp.*, *Clangula hyemalis*, *Podiceps nigricollis*) and also *Melanitta nigra*.

In Umia mouth and L. Bodeira, *Anas platyrhynchos*, *Fulica atra*, *Gallinula chloropus*, *Tachybaptus ruficollis*.

The numbers of registered shorebirds are higher that 10.000 and anatidae 2.000 or more. This numbers may be greater when groups of *Melanitta nigra* concentrates in A Lanzada.

An interesting endemic species is *Chalcides bedriagai*.

23.- Noteworthy flora:

ENDEMIC SPECIES: *Iberis procumbens*, *Echium rosalatum*, *Linaria caesia* var. *ducumbens*, *Helichrisum picarii*, *Phelipaca arenaria*.

INTERTIDAL PLAIN: *Zostera marina*, *Z. Nolti*.

SMALL ISLANDS: *Ulex europaeus*, *Erica umbellata*.

DUNES: *Armeria pubigera*, *Pancratium maritimum*, *Chrithmum maritimum*, *Elymus farct...*, *Calystegia soldanella*.

LAGOONS: *Phragmites sp.*, *Arundo donax*.

UMIA MOUTH: *Juncus spp.*

24.- Current scientific research and facilities:

A Ph. D. Thesis is being carried out.

25.- Current conservation education:

- Birds observatories.

- An interpretation centre is being projected.

- Some conservation education activities are being maked in cooperation with several naturalists groups of the area.

26.- Current recreation and tourism:

In the sumer, the area is greatly used by tourists (beach, aquatic sports).

27.- Management authority:

Servicio Provincial de Medio Ambiente Natural.

c/ Benito Corral 47, 5^o

36001.PONTEVEDRA.

28.- Jurisdiction:

TERRITORIAL: Pontevedra province. Councils of O Grove, Sanxenxo, Meaño, Cambados, Vilanova de Arousa and Ribadumia.

FUNCTIONAL: Xunta de Galicia. Conselleria de Agricultura, Ganaderia e Montes.

29.- Bibliographical references:

VALDES-BERMEJO and SILVA PANDO (1986).Vegetacion del Itsmo de la Lanzada.Diputacion Provincial de Pontevedra.42 pg.

ALVAREZ (1989). Itinerario socio-ecologico por el tombolo de la Lanzada.Diputacion Provincial de Pontevedra.55 pg.

CANDEA, CONSELLERIA DE PESCA (1991).A ensenada do Umia-Grove.183 pg.

dIP. PROV. DE PONTEVEDRA (1985).Estudio del Itsmo y Playa de la Lanzada.168 pg.

30. Reasons for inclusion:

1b, 3b, (3c).

31.- Map of the site:

map available in sitefile