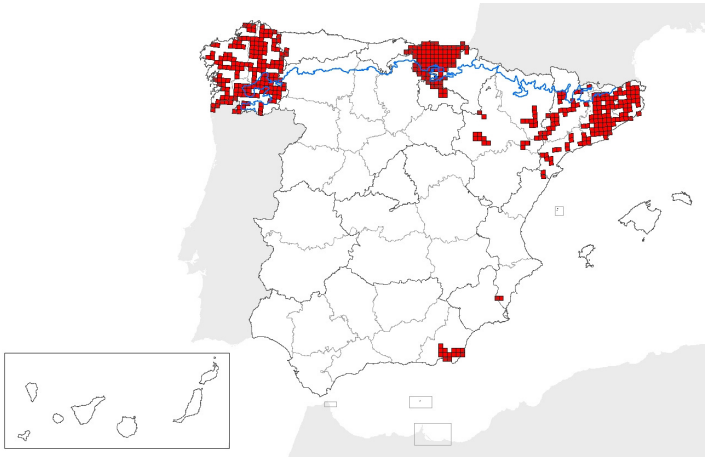
Report on the main results of the surveillance under article 11 for annex I habitat types (Annex D)

3270 Rivers with muddy banks with Chenopodion rubri pp and Bidention pp veg

1. National level

Biogeographical regions and/or marine regions concerned within the Member State: **ATL MED**



map-distribution

2. Biogeographical or marine level

2.1 Biogeographical region or marine region: ATLANTIC

2.2 Published sources and/or websites:

Bellot, F. (1968). La vegetación de Galicia. Anal. Inst. Bot. Cavanilles, 24:3-306.

Silva-Pando, F.J., García Martínez, X.R. & Valdés-Bermejo, E. (1987). Vegetación de las Gándaras de Budiño. 47 pp. Departamento de Publicaciones. Diputación Provincial de Pontevedra. Pontevedra

CMADS. (2007). Plan director de conservación da Rede Natura 2000 de Galicia. Vol: I-II-III-IV. Lugo.

Ramil et al. 2005. La expresión territorial de la diversidad. Paisajes y hábitats. Recursos Rurais (2005). Serie cursos 2:109-128.

Pulgar, I. (1999). La vegetación de la Baixa Limia y Sierras del entorno. Tesis Doctoral (inédita). Facultade de Farmacia. Universidade de Santiago de Compostela.

BARTOLOMÉ, C., ÁLVAREZ, J., VAQUERO, Jj., COSTA, M., CASERMEIRO, M.A., GIRALDO, J. & ZAMORA, J. 2005. Los tipos de hábitat de interés comunitario de España. Guía básica. Dirección General para la Biodiversidad, Ministerio de Medio Ambiente.

Inventario Nacional de habitats. Ministerio Medio Ambiente. 1997. Cartografía y bases de datos.

Ministerio de Medio Ambiente. (2003). Atlas y manual de los hábitat de España. Dirección General de Conservación de la Naturaleza, Ministerio de Medio Ambiente.

2.3 Range of the habitat type in the biogeographical region or marine region

2.3.1 Surface area of range in km2:	17870,3
2.3.2 Date of range determination:	2006-2007
2.3.3 Quality of data concerning range:	Poor e.g. based on very incomplete data or on expert judgement
2.3.4 Range trend:	Unknown (X)
2.3.5 Range trend magnitude in km2 (optional):	
2.3.6 Range trend period:	1995-2007

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2.3.7 Reasons for reported trend:	Not applicable
and/or specify	

2.4 Area covered by habitat type in the biogeographical region or marine region

2.4.1 Surface area of the habitat type (km2):	0
2.4.2 Date of area estimation:	
2.4.3 Method used for area estimation:	
2.4.4 Quality of data on area:	
2.4.5 Area trend:	Unknown (X)
2.4.6 Area trend magnitude (km2):	0
2.4.7 Area trend period:	
2.4.8 Reasons for reported trend:	Not applicable
and/or specify:	
2.4.9 Justification of % thresholds for trends (optional):	
2.4.10 Main pressures:	300 - Sand and gravel extraction 800 - Landfill, land reclamation and drying out, general 811 - management of aquatic and bank vegetation for drainage purposes 830 - Canalisation 850 - Modification of hydrographic functioning, general 990 - Other natural processes
2.4.11 Threats	300 - Sand and gravel extraction 800 - Landfill, land reclamation and drying out, general 811 - management of aquatic and bank vegetation for drainage purposes 830 - Canalisation 850 - Modification of hydrographic functioning, general 990 - Other natural processes

2.5 Complementary information

2.5.1 Favourable reference range (km2):	0
2.5.2 Favourable reference area (km2):	0
2.5.3 Typical Species:	*Bidens frondosa, Bidens tripartita, Polygonum anfibium, Polygonum persicaria*
2.5.4 Typical species assessment:	Sin evaluar
2.5.5 Other relevant information (optional):	

Conclusion	Biogeographical or marine level	Conclusions within Natura 2000 sites (optional)
Conclusions: (2.3) Range:	Unknown (XX)	
Conclusions: (2.4) Area:	Unknown (XX)	
Conclusions: (2.5) Structure and function, including typical species:	Unknown (XX)	
Conclusions: Future prospects:	Unknown (XX)	
Conclusions: Overall assessment:	Unknown (XX)	

2.1 Biogeographical region or marine region: MEDITERRANEAN

2.2 Published sources and/or websites:

Vigo,J.; Carreras, J. & Ferré, A. (eds.). Manual dels Hàbitats de Catalunya: catàleg dels hàbitats naturals reconeguts en el territori català d'acord amb els criteris establerts pel CORINE biotopes manual de la Unió Europea. Volums I a VII. Departament

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de Medi Ambient i Habitatge. Generalitat de Catalunya. 2005-2008.

Bellot, F. (1968). La vegetación de Galicia. Anal. Inst. Bot. Cavanilles, 24:3-306.

Silva-Pando, F.J., García Martínez, X.R. & Valdés-Bermejo, E. (1987). Vegetación de las Gándaras de Budiño. 47 pp. Departamento de Publicaciones. Diputación Provincial de Pontevedra. Pontevedra

CMADS. (2007). Plan director de conservación da Rede Natura 2000 de Galicia. Vol: I-II-III-IV. Lugo.

Ramil et al. 2005. La expresión territorial de la diversidad. Paisajes y hábitats. Recursos Rurais (2005). Serie cursos 2:109-128.

Pulgar, I. (1999). La vegetación de la Baixa Limia y Sierras del entorno. Tesis Doctoral (inédita). Facultade de Farmacia. Universidade de Santiago de Compostela.

Bartolomé, C., J. Álvarez, J. Vaquero, M. Costa, M.A. Casermeiro, J. Giraldo & J. Zamora (2005). Los tipos de hábitat de interés comunitario de España. Guía básica. Dirección General para la Biodiversidad, Ministerio de Medio Ambiente.

Ministerio de Medio Ambiente. (2003). Atlas y manual de los hábitat de España. Dirección General de Conservación de la Naturaleza, Ministerio de Medio Ambiente.
Inventario Nacional de Hábitat (1996). Dirección General para la Biodiversidad, Ministerio de Medio Ambiente

2.3 Range of the habitat type in the biogeographical region or marine region

2.3.1 Surface area of range in km2:	19662
2.3.2 Date of range determination:	1994-2007
2.3.3 Quality of data concerning range:	Good e.g based on extensive surveys
2.3.4 Range trend:	Stable (=)
2.3.5 Range trend magnitude in km2 (optional):	
2.3.6 Range trend period:	1990-2007
2.3.7 Reasons for reported trend:	Direct human influence (restoration, deterioration, destruction) Natural processes
and/or specify	

2.4 Area covered by habitat type in the biogeographical region or marine region

2.4.1 Surface area of the habitat type (km2):	26
2.4.2 Date of area estimation:	1996-2007
2.4.3 Method used for area estimation:	Ground based survey (based on field mapping, possibly using stratified random sa
2.4.4 Quality of data on area:	Moderate e.g. based on partial data with some extrapolation
2.4.5 Area trend:	Stable (=)
2.4.6 Area trend magnitude (km2):	0
2.4.7 Area trend period:	1990-2006
2.4.8 Reasons for reported trend:	Direct human influence (restoration, deterioration, destruction) Natural processes
and/or specify:	
2.4.9 Justification of % thresholds for trends (optional):	
2.4.10 Main pressures:	300 - Sand and gravel extraction 850 - Modification of hydrographic functioning, general 990 - Other natural processes
2.4.11 Threats	300 - Sand and gravel extraction 850 - Modification of hydrographic functioning, general 990 - Other natural processes

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2.5 Complementary information

2.5.1 Favourable reference range (km2):	0
2.5.2 Favourable reference area (km2):	0
2.5.3 Typical Species:	*Bidens frondosa, Bidens tripartita, Chenopodium glaucum, Myosoton aquaticum, Polygonum anfibium, Polygonum lapathifolium, Polygonum mite, Polygonum persicaria, Polygonum salicifolium, Rorippa sylvestris, Xanthium italicum, Xanthium strumarium*
2.5.4 Typical species assessment:	En Cataluña la selección de las especies típicas se realizó a partir del “Manual de
2.5.5 Other relevant information (optional):	En Aragón este hábitat está presente en 6 Lugares y el 60,67 % del hábitat conoci

Conclusion	**Biogeographical or marine level**	**Conclusions within Natura 2000 sites (optional)**
Conclusions: (2.3) Range:	Unknown (XX)	
Conclusions: (2.4) Area:	Unknown (XX)	
Conclusions: (2.5) Structure and function, including typical species:	Unknown (XX)	
Conclusions: Future prospects:	Unknown (XX)	
Conclusions: Overall assessment:	Unknown (XX)	