



Habitats Directive  
WWF European Shadow List

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*15 June 2000*



## Executive Summary

- The European Union's Habitats Directive, in partnership with the Birds Directive, is the main nature conservation policy tool at EU level. The Habitats Directive's fundamental purpose is to establish, a network of protected sites through the Community, the Natura 2000 network, designed to maintain both the distribution and abundance of threatened species and habitats, both terrestrial and marine.
- The Natura 2000 site selection process is a shared responsibility between EU Member States and the European Commission. Member States propose sites to protect habitats and species listed in the Directive. These lists of sites are subject to a process of assessment and negotiation between the Commission and the Member States through a series of seminars, before a final list of Sites of Community Importance is adopted. However, the deadlines for proposing sites (June 1995) and for adopting the list of SCIs (June 1998) have not been met.
- The WWF Initiative for a European Shadow List of sites has selected a representative sample of 25 habitats and 19 species that demonstrates the insufficiencies of the lists proposed by the Member States so far. The objective of the initiative is to raise awareness on insufficient site selection and to lobby for additional key sites to be included in the Natura 2000 network.
- The evaluation in this report by WWF and other partner NGOs shows that Member States' proposals will not ensure the conservation of the habitats and species selected. The report is based on information distributed at the last round of scientific seminars for each biogeographic region, and includes developments to May 2000.
- The series of seminars initiated in 1997 identified a high proportion of insufficiently represented habitat types and species in the proposed lists of sites. In addition, there are still important deficiencies among Member States regarding the number of sites included on the lists and the variability of territorial coverage. There are also concerns that the Member States are failing to list the full range of values for each site.
- Overall, the individual size of proposed sites is generally not suitable to support a favourable conservation status for the species and habitats concerned. The issue of site size is all the more critical in the absence of a coherent network of sites. The lack of corridors or stepping stones between sites is particularly lacking to support wide ranging species such as the loggerhead sea turtle (*Caretta caretta*), brown bear (*Ursus arctos*) and Iberian lynx (*Lynx pardinus*).
- Lobbying by WWF on the issue of cross-compliance, in which access to the EU Structural Funds is dependent upon Member States complying with the Habitats Directive, has brought about some response from governments. Nevertheless, the Natura 2000 process is not being given adequate political priority in many countries. There is also a pressing need to address the lack of scientific information on many habitats and species - another factor currently preventing progress.
- If Europe's wildlife is to be protected, then it will be critical for governments to correct any weaknesses identified by the biogeographic seminars by the end of 2000. It is also vital that sites included on lists of pSCIs are not damaged or degraded as a result of development projects such as dams, airport, roads, harbours and golf courses.

- Europe's citizens need to be better informed of Natura 2000 and its unique role in securing our natural heritage. They must also be convinced of the fact that designation of sites should not lead to a total ban on development, providing that this is ecologically sustainable. Instead, Natura 2000 should be seen as an opportunity for promoting new models of development, in particular in some of the EU's most marginal regions.
- WWF is pressing hard for governments to meet their legal commitments under the Habitats Directive by proposing, protecting and managing sites in response to the first and subsequent biogeographical seminars, so that the Natura 2000 network can meet the challenge of conserving Europe's terrestrial and marine heritage.

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# **1 INTRODUCTION**

## **1-1 NATURA 2000 EUROPEAN ECOLOGICAL NETWORK**

The EU Habitats Directive<sup>1</sup> in partnership with the Birds Directive<sup>2</sup> is the Community's main vehicle for safeguarding its precious, but dwindling natural heritage. By adopting the Habitats Directive in 1992, the governments of the European Community committed themselves to the creation of the Natura 2000 ecological network, with the aim of conserving Europe's most threatened habitats and wildlife species.

In the process of developing the Natura 2000 network, Member States are required to forward lists of proposed Sites of Community Importance (pSCIs). These lists are subject to a process of assessment and negotiation between the Commission and the Member States before a final list of Sites of Community Importance is adopted. Member States then have to designate these areas Special Areas of Conservation (SACs) by the year 2004.

The process of assessment provides an important opportunity to rectify particular weaknesses in national approaches and national lists, and to ensure the overall coherence and balance of the Natura 2000 network at European level.

### ***WWF supports the Habitats Directive***

WWF strongly supports the Habitats Directive and is working to ensure that the sites selected for Natura 2000 are adequate to achieve the aims of the Directive. WWF believes it is the most important nature conservation legislation in Europe because:

- the Directive represents a real attempt to conserve Europe's biodiversity based on sound scientific evidence. The sites will not just be a collection of national or regional parks designated for a variety of reasons;
- the sites to be designated under the Directive are intended to protect a representative sample of all Europe's most threatened habitats and species – as listed in the annexes of the Directives;
- it does not seek to rule out economic activities in Natura 2000 areas but rather aims to promote sustainable activity in support to the conservation objectives for these areas.

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<sup>1</sup> Council Directive 92/43/EEC on the conservation of natural habitats and of wild flora and fauna.

<sup>2</sup> Council Directive 79/409/EEC on the conservation of wild birds.

### ***Natura 2000 site selection process***

The site selection for inclusion in the Natura 2000 network is a shared responsibility between the EU Member States and the Commission. The Member States propose to the Commission areas within their territory to protect those habitats and species listed in the annexes of the Directive. These lists of proposed sites should have been sent by June 1995. However this deadline has not been met. Once the national proposals are sent, the European Commission evaluates them in order to adopt a final list of Sites of Community Importance (SCIs). The adoption of this list was due in June 1998, according to the Directive. This date has not been respected. We can conclude that the final list of Sites of Community Importance can be expected by the end of the year 2001.

The Natura 2000 site selection process is based on biogeographical regions. Europe is divided into six biogeographical regions. They are: Alpine, Atlantic, Boreal, Continental, Macaronesian and Mediterranean. The evaluation of Member States' proposals is carried out through a series of seminars for each biogeographical region. In those seminars representatives from the Member States, the Commission, environmental NGOs and independent experts discuss whether the areas nominated by each Member State are sufficient and whether together they provide proper protection for all endangered species and habitats within the biogeographical region concerned, as required by the Directive.

We are now half way through the process. The first round of seminars for all biogeographic regions has been held and lots of insufficiencies in initial lists have been identified. Member States are not designating enough sites for inclusion in Natura 2000 to ensure the conservation of Europe's most threatened habitats and species.

### ***Ensuring favourable conservation status***

The aim of the Habitats Directive is to establish a "favourable conservation status" for habitat types and species selected as being of Community interest. Favourable conservation status of habitats and species is defined in Article 1 of the Directive. This is defined broadly for both habitats and species by reference to factors such as species population dynamics, trends in the natural range of species and habitats and the area of habitats remaining.

The list of Sites of Community Importance that will compose the Natura 2000 network should host a sufficiently large sample of each habitat type and species to ensure that, through the implementation of the appropriate conservation measures, they will be maintained in a favourable conservation status at the EU and relevant biogeographical level. However, according to the WWF assessment, the Member States' proposals are not ensuring this objective.

### ***Management of Natura 2000 Sites***

Measures required to be taken in Natura 2000 areas range from adopting management plans for each site to avoid the deterioration of habitats as well as disturbance of the species for which the areas have been designated. In addition, all plans and projects

likely to affect a Natura 2000 site should be subject to an assessment of the implications for the conservation objectives of the site.

The designation of a Natura 2000 site should not lead to a total ban on development, provided that this is ecologically sustainable and that it does not adversely affect the integrity of the site in question, or the favourable conservation status of the habitats and species present. Indeed, investment in socio-economic development is urgently needed in many of the larger Natura 2000 sites, in particular in some of the more marginal regions of the EU, where rural abandonment and unemployment present genuine social problems. These areas require an ambitious and visionary approach, in which the social and economic needs of the local population are taken fully into account.

Natura 2000 should be seen as an opportunity to promote new models of development, which build on natural values rather than degrading them, and which enable the local population to benefit from the network.

## **1-2 THE WWF INITIATIVE FOR A EUROPEAN SHADOW LIST OF SITES**

The WWF Initiative for a European Shadow List of sites is a joint effort with four other non-governmental organisations:

- BirdLife/Vogelbescherming Netherlands;
- Irish Peatland Conservation Council (IPCC);
- Liga para a Protecção da Natureza (LPN), Portugal; and
- Mouvement écologique et ligue luxembourgeoise pour la protection de la nature et des oiseaux.

The evaluation done by WWF and the partner NGOs shows that Member States' current proposals will not ensure the conservation of the habitats and species selected.

The European Shadow List presents all the sites that WWF and the partner NGOs believe should be included in the Natura 2000 network in order to maintain or restore at "favourable conservation status" the representative sample of Europe's most threatened habitats and species. This proposal contains a substantial number of sites missing from the Member States' official lists of proposed sites. Germany has not been included in this analysis due to the fact that there was no German list of proposed Sites of Community Importance both for the Continental and Atlantic biogeographical seminars.

WWF has produced a European Shadow List of sites selecting a representative sample of habitats and species that demonstrates the insufficiencies of the lists of sites proposed by Member States. The objective of this initiative is to raise awareness on insufficient site selection for the Natura 2000 ecological network and to lobby for some key sites which need to be included in the network.

The work carried out by all the partners in this initiative is based on the information distributed in the most recent round of scientific seminars, initiated in 1999, for each biogeographical region. Partners in each Member State compiled National Reports based on a common questionnaire. Further material, which might have been sent to the

Commission by Member States after those seminars, could not be taken into account since we have not had a general access to it, despite requesting it officially.

### ***WWF selection of sites***

The WWF Initiative for a European Shadow List is based on the best expert judgement and uses criteria contained in Article 4 and Annex III of the Directive and several Commission and European Topic Centre for Nature Conservation documents. These criteria are outlined in “*Criteria for the Selection of Potential Special Areas of Conservation under the Habitats Directive - Guidelines to the application of the criteria for selecting SACs*” (WWF-UK, 1997 reprinted in 1999 with some amendments).

WWF is proposing the most essential sites for animal species ranging over wide areas as stated in Article 4 of the Directive. Following these criteria, the sites being proposed by WWF and the partner NGOs aim at ensuring the favourable conservation status of these species. In other words, WWF and NGOs partners are proposing the designation of sites which are important for the reproduction of the species (e.g. the brown bear), because they are sites acting as corridors for linking two populations of these species. These corridor sites are crucial for the favourable conservation of the species.

In addition, WWF and partner NGOs are proposing sites for aquatic species (e.g. harbour porpoise) which range over wide areas, on the basis of extensive scientific research which has allowed the identification of areas representing the physical and biological factors essential to their life and reproduction.

### ***Species and habitats selected for the European Shadow List Initiative***

The WWF Initiative for a European Shadow List<sup>3</sup> covers 25 habitats and 19 species. The selection of habitats and species aims to be the broadest representative sample to cover all potential situations and issues regarding the implementation of the Habitats Directive<sup>4</sup>. In addition we have tried to cover those habitats and species for which the WWF network and the NGO partners have a high degree of expertise or for which we had contacts to consult the best experts known. This choice should not be seen as a selection of the most important habitats and species and it does not imply a prioritisation of habitats and species regarding their importance at European level.

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<sup>3</sup> See Annex I for a description of sites and habitats selected for the European Shadow List Initiative.

<sup>4</sup> See Annex II on the Criteria for selecting habitats and species for the European Shadow List Initiative.

## 2 SUMMARY OF THE NATIONAL REPORTS

This section summarises a series of national progress reports submitted by WWF and its partners in May 2000. The aim is to provide an overview of the state of Natura 2000 site proposals after the first round of biogeographical seminars, and to identify key problems or concerns that arise. It should be noted that the second round of biogeographical seminars may identify other problems or weaknesses that will need to be followed up subsequently.

The compiled national reports are included in the next section of this report. Germany has not been included in this analysis due to the fact that there was no German list of proposed Sites of Community Importance both for the Continental and Atlantic biogeographical seminars. Germany was therefore assessed as insufficiently represented for all relevant habitats and species at these biogeographic seminars.

### 2-1 EUROPE'S HABITATS AND SPECIES INSUFFICIENTLY REPRESENTED

In order to secure 'favourable conservation status' for Europe's habitats and species, the list of Sites of Community Importance (SCIs) needs to host a sufficiently large sample of each habitat type and species. The first series of biogeographical seminars initiated in 1997 sought to evaluate the level of sufficiency of site lists relating to each of the biogeographical regions.

The conclusion from the first round of seminars is clear: the national lists of proposed sites are not sufficient either to protect habitat types or species in the regions considered. The extent of these 'insufficiencies' is variable, with *regional* averages ranging from 25 per cent to 49 per cent. At the *national* level insufficiencies are high with 56 per cent of habitats insufficiently represented on average and 57 per cent of species insufficiently represented on average<sup>5</sup>.

Specific problems are identified in the Atlantic, Alpine, Boreal, Continental and Mediterranean regions, and for some national lists, as follows:

- Ireland, which lies entirely in the Atlantic region has by far the highest level of insufficiencies of the 14 Member States covered, at 95 and 96 per cent for habitats and species respectively. A key gap is the lack of sites for the harbour porpoise and the Atlantic salmon.
- large insufficiencies were identified for the Belgian list for the Continental region, with 82 per cent for habitat types and 51 per cent for species – key deficiencies for habitat types are forests;
- Sweden's list covering the Boreal region has insufficiencies of 50 per cent for habitat types and 74 per cent for species;

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<sup>5</sup> See Annex III a breakdown by Member State

- Denmark's list of pSCIs under-represents forest habitats, listed in Annex I of the Directive, as well as dune-type habitats for which Denmark has a particular responsibility; and
- in the UK list of pSCIs, relating to the Atlantic region, 73 per cent of species are underrepresented – including the Annex II harbour porpoise (*Phocoena phocoena*) for which no sites have been identified.

The lack of scientific knowledge about many species and habitats may conceal further deficiencies.

## **2-2 THE EXTENT AND NATURE OF PROPOSED SITES**

### ***Size of proposed sites***

In the majority of cases, the individual size of proposed sites is not, in general, suitable to support a favourable conservation status for the species and habitats concerned. The only exception is Greece, where site size was generally found to be adequate. Average site size ranges from 5km<sup>2</sup> in Belgium to 193 km<sup>2</sup> in Portugal. Sweden, France, Finland and Luxembourg all have average site sizes below 50 km<sup>2</sup>.

In the Netherlands sites of less than 250 hectares in size have not been considered for inclusion, irrespective of the importance and the quality of the habitat types present. This means that some of the best and most unique sites have been completely ignored, including sites for the whorl snail (*Vertigo moulinsiana*), and habitats Alkaline fens and Atlantic acidophilous beech forests.

### ***Marine and terrestrial site coverage and size***

The average coverage of national territories by the proposed sites of Community Importance (pSCI) is currently around 13 per cent. As can be expected, this figure masks considerable variations between different Member States, ranging between the notably insufficient lists from Belgium (3.1 per cent), France (4.9 per cent), Ireland (4.3 per cent) and the UK (7.3 per cent), to more substantial lists from Greece (20 per cent) and Denmark (23.8 per cent)<sup>6</sup>. There are also concerns that the Member States are failing to list the full range of values for each site.

The area of coverage for terrestrial sites is generally much greater than for marine sites. While this is to be expected in some cases, it is disappointing in countries such as the France, Greece, Ireland, Italy, Portugal and the UK, whose lists fail to reflect the countries' vast marine natural assets. In contrast, Denmark, Belgium and the Netherlands have included in their pSCIs a considerable proportion of their marine areas; in the case of Belgium, the proposed site covers a large part of their inshore three nautical mile waters. In several cases it has not been possible to separate out the percentage of marine site coverage from the total, perhaps reflecting the rather low priority that is often given to marine sites.

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<sup>6</sup> In the case of Denmark 17.2% of the site coverage is marine based and only 6.6% is terrestrial.

It should be noted that none of the lists appear to include sites in the exclusive economic zones, beyond the territorial waters, an omission that should be addressed in forthcoming rounds of biogeographical seminars.

### ***Ensuring coherence of the Natura 2000 network***

A central tenet of the Habitats Directive is the need to create a coherent and balanced European network of sites for the conservation of habitats and species, taking into account their lifecycle, their favourable conservation status, and the need for corridors and stepping stones. Indeed, sites can be selected purely on the basis that they ensure the coherence of the network by providing corridors or lie on migration routes. Especially important and challenging is providing a network of sites for the protection of large animals such as the otter, loggerhead sea turtle, bottle nosed dolphin, harbour porpoise, brown bear, wolf and lynx, which are heavily reliant on migration routes because they range over wide areas.

The Spanish and Italian reports highlight the poor interconnection between sites proposed for species such as lynx, brown bear and marine species such as the loggerhead sea turtle (*Caretta caretta*) and bottle-nose dolphin (*Tursiops truncatus*). In France, there are similar concerns over the adequacy of a proposed action plan for a population of wolf (*Canis lupus*) which has an unfavourable conservation status. In the UK the current proposals will not achieve favourable conservation status for the free ranging otter (*Lutra lutra*), given the current proposals. A key weakness is the failure to link the pSCIs in a way that can properly safeguard these species.

Very few countries have actually developed and applied the concept of a 'network' in preparing lists of pSCIs and greater attention needs to be given to coherence. The high level of fragmentation of pSCIs in Italy poses a serious risk for the distribution of the species and habitats. A different example is provided by Belgium, where the high degree of urbanisation and industrialisation, and the omnipresence of urban infrastructure in the Flemish region makes it very difficult to build a coherent network. In addition, the difficulties to designated private property, further weakens the coherence of the national network.

The issue of coherence is an issue at biogeographical level, as well as within States, particularly federal states, where nature conservation responsibilities are devolved to the regional level. In Austria, nine regional governments each have competence in nature conservation and have developed separate approaches to Natura 2000, with consequent implications for coherence. An extreme example is Germany, the most devolved of the Member States, for which no national list has been proposed although some *Länder* lists have been presented informally. Where important sites span national boundaries, the creation of a coherent EU network will depend upon successful international co-ordination. Examples of proposed international sites are the Waddensea - involving Denmark, Germany and the Netherlands, the Grensmaas Valley between Belgium and the Netherlands, and the Vallée de l'Attert, protected in both Belgium and Luxembourg.

## **2-3 RESPONDING TO THE NATURA 2000 CHALLENGE**

While the overall level, extent and representativity of sites is far from satisfactory, most governments have initiated some kind of procedure to respond to the shortcomings identified in the biogeographical seminars, as well as responding to the lobbying on cross-compliance on Structural Funds and the Rural Development Regulation – initiated by WWF. Spain, Portugal, Greece and Ireland have recently started to propose additional sites; Sweden and the UK are expected to forward further lists in summer 2000 and others are expected to follow soon after. However, these proposals could not be taken into account in this report.

One problem preventing a rapid response is the lack of resources, both human and financial, to deal with the particular and often underestimated challenges presented by the Directive. Importantly, the issue has suffered from a general lack of political will and commitment, with considerable delays in starting the consultative process and undertaking the necessary research and inventories.

In countries such as the UK and Sweden, the initial approach had been simply to propose sites that were already protected under national legislation, a policy that has had to be revised subsequently. The lack of political will to support proper implementation of the Directive has for too long prevented the undertaking of the necessary research and inventories, causing considerable delays in the designation process.

### ***Raising Awareness***

Awareness raising efforts by governments appear to have been remarkably limited throughout the EU, with few targeted information campaigns undertaken. The public hearings organised in Finland highlight the potential for public debate on this issue, although the level of correspondence created an unexpected administrative burden.

In general, however, the lack of information from Member States has undoubtedly contributed to a feeling of mistrust of the Directive. This is illustrated most vividly by the strong reactions from landowners, often based on a fear that designation will lead to prohibitions on all forms of economic activity.

There is clearly scope for significant additional work to be carried out in this area, both to clarify the implications of the Directive and to highlight the real opportunities presented.

### ***Involving NGOs and private interests***

Many countries have undertaken consultations of one form or another in the course of developing national lists; the exceptions being Italy, Belgium, Netherlands, Portugal and to a large extent, Greece. In Spain some regional governments organised meetings with NGOs, but no concerted effort took place.

NGOs have been involved at various stages of the consultation process, in some cases providing expertise for the development of the scientific lists, as well as contributing in later stages of the process, including attendance at the biogeographical seminars. The

extent and impact of NGO involvement in each Member States is difficult to establish. It is clear, however, that WWF and others have in many cases played an important role, for example:

- in Luxembourg, NGOs were directly involved in preparing the scientific list, though they were not involved in the final list;
- in Finland, NGOs undertook an evaluation of the Natura 2000 proposals before the first Boreal biogeographic meeting. The evaluation was used to support Commission proposals for additional sites;
- in Italy and Austria, NGOs played a significant role in identifying pSCIs; and
- In Spain, the Government has used the WWF Shadow List in its deliberations, which is believed to be having a considerable impact on the proposed list of sites and its coherence.

These positive examples contrast with arrangements in Portugal, Sweden, the Netherlands and Belgium where NGOs were not involved in official consultations for designation proposals. Where they were involved, this is generally seen to have generated improvements to national lists, in many cases countering opposing pressures from private interests to exclude sites. Importantly, NGOs have also been active in raising awareness of the Natura 2000 network, often in the absence of similar efforts by environmental authorities.

Apart from national consultations involving NGOs, there has also been a general presumption in favour of consulting other stakeholders, again at different stages in the process. Early consultations with landowner groups and other economic stakeholders have been undertaken in many countries, notably the UK, France and Finland, often resulting in sites being omitted from the lists. Private interests, including land owners and industry or military interests, have successfully blocked or removed sites from lists in several other Member States. For example, the public hearings in Finland resulted in the deletion of 47 sites and reductions in the size of 747. This was countered somewhat by the inclusion of five additional areas and the enlargement of eleven.

## **2-4 SECURING PROTECTION FOR SITES ALREADY LISTED**

The provisions of the Habitats Directive require that legal protection is afforded to all Sites of Community Importance, even if these sites have not yet been formally designated as Special Areas of Conservation (SACs). However, due to delays in finalising national lists of proposed SCIs, the Commission has not been able to adopt the final list of SCIs by June 1998, as required under the Directive. It is rightly argued by the Commission that, in the absence of the list of SCIs, 'Member States' authorities should abstain from all activities that may cause a site on the national list to deteriorate'<sup>7</sup>. The same applies to sites which, on the basis of scientific criteria, clearly ought to be on the national list. It is particularly disappointing, therefore, that in almost

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<sup>7</sup> Managing Natura 2000 sites – the provisions of Article 6 of the 'Habitats' Directive 92/43/EEC, European Commission, April 2000

all Member States development projects are going ahead or are planned, including large-scale infrastructure projects that clearly undermine the Directive's overall aims.

Projects highlighted by WWF include the construction of golf courses, roads, dams, harbour and port developments, forestry, oil and peat extraction and fish-farming. In some cases, projects are posing a serious threat to the continued survival of local or endemic species. The examples include drainage works in Lake Vistonida, Greece, being part-funded by the EU Structural Funds, despite recent Commission commitments to 'green' EU expenditure. Other examples of actual or planned projects on proposed SCIs or sites included on the WWF Shadow List of sites include the following:

- three raised bogs (WWF Shadow List sites) in the north of Sweden are being threatened with peat extraction activities;
- several river sites proposed by WWF/Adena in Spain for fish species and for riverine woodlands are threatened by dams and other hydrological works;
- the construction of the Pau-Saragosse European axe in the Aspe valley in the Pyrenean mountains will destroy habitats of the butterfly (*Rosalia alpina*), brown bear (*Ursus arctos*) and (*Galemys pyrenaicus*);
- road building and infrastructure plans in *Steinfeld* (lower Austria) are threatening pannonic stepp grasslands, the last remaining home in the EU to the priority species *Helicopsis austriaca*;
- the very sensitive and important Sintra/Cascais pSCI in Portugal will be destroyed because of the construction of an urban golf project, to the detriment of six habitats and five species listed in the Habitats Directive. These include the priority habitats and species Xeric sand calcareous grasslands, Limestone pavements and (*Ionopsidium acaule*); and
- the largest coherent forest complex of Luxembourg, Grengewald forest, is threatened by a motorway which will cut through an important bat habitat.

## 2-5 CONCLUSIONS

Implementation of the Natura 2000 network continues to be very much behind schedule compared to the deadlines set out in the Habitats Directive. A great deal remains to be done to designate sufficient and adequate quality sites to conserve both habitats and species in all biogeographical regions, from the Macaronesian region in the south, to Boreal region in the north.

Immediate action is required in many areas if threats to habitats and the danger of species or population extinction are to be avoided. And yet, it is clear that many countries still do not give the issue adequate priority. The speed with which new sites are proposed to the Commission will be influenced as much by political will, as availability of resources and scientific data.

Even more worrying is the apparent failure to protect sites that have already been put forward as proposed SCIs or are on the WWF Shadow List. There is a strong moral, if not legal, responsibility to ensure that these sites are not degraded or damaged by development projects.

Europe's citizens and economic actors also need to be convinced of the fact designation does not necessarily spell the end of economic development; quite the opposite. In many of Europe's most disadvantaged and remote areas Natura 2000 offers a real potential for supporting innovative and sustainable patterns of development. This is an important message and one that needs to be promoted much more effectively if the Directive is to gain the necessary support. The public can play a role by writing to local authorities for more information on Natura 2000 and its progress.

The European Shadow List Initiative highlights key issues and insufficiencies in the sites so far proposed by the Member States for Natura 2000. Proposals appear to be inadequate both in terms of the number of sites proposed and the size of these sites in terms of creating a coherent network to ensure the favourable conservation of Europe's species and habitats. Gaps are particularly evident in marine areas as none of the lists appears to include sites in the Member States' exclusive economic zones, beyond the territorial waters.

Member States need to fulfil their commitment to establish a coherent Natura 2000 network of sites. This is a process in which all stakeholders and the public should take part and seize the opportunity, now present, to conserve Europe's unique natural heritage.

WWF is urging the Member States and the European Commission to add the sites proposed by WWF to the list of proposed Sites of Community Importance.

WWF will be pressing hard for governments to meet their legal commitments under the Habitats Directive by proposing and protecting sites in response to the first and subsequent biogeographical seminars, so that the Natura 2000 network can meet the challenge of conserving Europe's most threatened habitats and species.



### **3 NATIONAL REPORTS AND LISTS OF SITES PROPOSED**

National Reports and lists of sites submitted by WWF National organisations and the four partners of the European Shadow List initiative have been compiled into the series of reports that follows. As noted above, Germany has not been included in this analysis due to the incomplete nature of the German list of proposed Sites of Community Importance and the fact that Germany has not participated in the biogeographical seminar neither for the Continental nor for the Atlantic region.

The lists of sites concern the 25 habitats and 19 species which WWF and partner NGOs have selected as a representative sample for the European Shadow List Initiative<sup>8</sup>. The European Shadow List presents all the sites WWF and the partner NGOs believe should be included in the Natura 2000 network in order to maintain or restore at “favourable conservation status” the representative sample of Europe’s most threatened habitats and species. This proposal contains a substantial number of sites missing from the Member States’ official lists of proposed sites (see Column 3 of table 1 on following page).

Reports and lists of sites for the 14 Member States covered by this initiative, follow in alphabetical order:

|             |     |
|-------------|-----|
| Austria     | 23  |
| Belgium     | 31  |
| Denmark     | 43  |
| Finland     | 49  |
| France      | 59  |
| Greece      | 71  |
| Ireland     | 75  |
| Italy       | 95  |
| Luxembourg  | 111 |
| Netherlands | 115 |
| Portugal    | 123 |
| Spain       | 127 |
| Sweden      | 197 |
| UK          | 211 |

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<sup>8</sup> See Annex I for a description of sites and habitats selected for the European Shadow List Initiative and Annex II on the Criteria for selecting habitats and species for the European Shadow List Initiative.

**Table 1: Distribution of proposed Sites of Community Interest and sites proposed by WWF and partner NGOs**

The distribution of pSCIs (for all habitats and species) and 'European Shadow List' proposed sites (for the sample of 25 habitats and 19 species) for each country is as follows:

Column 1: Total pSCIs for all habitat types and species which occur in the Member State<sup>[1]</sup>

Column 2: Total number of 'Shadow' sites for the 25 habitat types and 19 species analysed

Column 3: additional site protection resulting from WWF Shadowlist proposals (based on the detailed analysis of the representative sample of habitats and species); i.e. in the case of Austria, the WWF Shadowlist increases the sites required to meet favourable conservation status - for the sample habitats and species - by 35%.

|                            | Column 1 <sup>[2]</sup> | Column 2    | Column 3   |
|----------------------------|-------------------------|-------------|------------|
| AT Austria                 | 113                     | <b>54</b>   | <b>35%</b> |
| BE Belgium                 | 101 (209)               | <b>122</b>  | <b>65%</b> |
| DK Denmark                 | 194                     | <b>50</b>   | <b>28%</b> |
| ES Spain <sup>[1]</sup>    | 686 (867)               | <b>995</b>  | <b>67%</b> |
| FI Finland                 | 1381                    | <b>99</b>   | <b>9%</b>  |
| FR France                  | 1029                    | <b>107</b>  | <b>12%</b> |
| GR Greece                  | 230 (268)               | <b>5</b>    | <b>3%</b>  |
| IE Ireland                 | 138 (260)               | <b>259</b>  | <b>81%</b> |
| IT Italy                   | 2507                    | <b>205</b>  | <b>16%</b> |
| LU Luxemburg               | 38                      | <b>15</b>   | <b>36%</b> |
| NL Netherlands             | 76                      | <b>78</b>   | <b>57%</b> |
| PT Portugal <sup>[1]</sup> | 31                      | <b>17</b>   | <b>38%</b> |
| SE Sweden                  | 1919                    | <b>167</b>  | <b>18%</b> |
| UK United Kingdom          | 340                     | <b>153</b>  | <b>54%</b> |
| Total EU14 <sup>[3]</sup>  | 8500<br>(8964)          | <b>2326</b> | <b>32%</b> |

<sup>[1]</sup> Figures for Spain and Portugal exclude sites proposed in the Macaronesian Biogeographic Region for which data were not readily available in electronic format.

<sup>[2]</sup> For most countries, the number of proposed SCIs is derived from tables distributed prior to the 'Biogeographic Region seminars'. Some countries have formally submitted additional sites either at or after these meetings; these new figures are given in parentheses, and this figure for Spain does include Macaronesian pSCIs.

<sup>[3]</sup> Excludes information for Germany. This is the only Member State which has, so far, not submitted to the European Commission details of pSCIs in electronic format for all relevant biogeographical regions within its territory.

Compiled by Martin Newman & Ian Hepburn, June 2000

## AUSTRIA

### I. INTRODUCTION

1.1 *Biogeographic regions concerned:* Continental, Alpine

1.2 *Executive Summary*

Austria has started to implement the Habitats Directive, but has not yet done so adequately. In total, 113 SCIs have been proposed to date, representing 9,450 km<sup>2</sup> or 11.3% of Austria's total surface area. Nevertheless, Austria has still not proposed enough sites in either the continental region or the alpine region. There are still some habitats (23 alpine and 30 continental region) and species (37 in the alpine and 37 in the continental region) which are insufficiently represented.

These figures were elaborated during the regional biogeographical seminars and require Austria to designate additional sites to fill these gaps. The 9 Austrian regional governments (*Bundesländer*) have competence for nature conservation and have chosen different strategies to implement the Habitats Directive. There was no overall process for ensuring the coherence of the Austrian NATURA 2000 network.

There are information events at various levels. Nevertheless, in many *Bundesländer* the economic and land-user organisations have not been well-informed. The result is that there is now a strong movement against NATURA 2000 in many parts of Austria. NGOs have not been involved in the selection procedure; WWF proposals for additional sites were taken into account in only a few *Bundesländer*.

### I. INFORMATION ON THE NATIONAL LIST OF PROPOSED SITES OF COMMUNITY IMPORTANCE

2.1 *Territory Covered and quantity aspects*

| Coverage of Proposed Sites        |                       |
|-----------------------------------|-----------------------|
| The number of sites proposed      | 113                   |
| Total area covered by sites       | 9,450 km <sup>2</sup> |
| Percentage of country's territory | 11.3 %                |
| % Land                            | 11.3 %                |
| % Marine                          | -                     |

The surface area of sites is generally not large enough to achieve a favourable conservation status for the species and habitats concerned.

2.2 *Progress with the Natura 2000 process for site proposals – insufficiencies and difficulties*

The Government submitted a list of proposed Sites of Community Importance (pSCIs) to the Commission in May 1999. However, the following percentage of habitats and species was considered not sufficiently represented at the last biogeographic seminars:

| Biogeographic region | % of Habitats insufficiently represented | % of Species insufficiently represented |
|----------------------|------------------------------------------|-----------------------------------------|
| Alpine               | 38.3% (or 23 habitats out of 60 )        | 44% (or 37 species out of 84)           |
| Continental          | 49.2% (or 31 habitats out of 61)         | 50.7% (37 species out of 73)            |

In response to the seminars, the Government intends to propose additional sites for both the alpine and continental regions although the exact number and extent of additional sites is not available at the moment. The main difficulties causing delays in the process are conflicts with local authorities and opposition from land user organisations and economic interests.

## AUSTRIA

### III. INFORMATION ON CONSULTATION PROCEDURES TO ELABORATE THE LIST OF PSCI

Most of the consultations took place after 1997. Only a few consultation meetings were held at the different administrative levels - national, *Bundesländer* and local authority. Three of the sites consulted were partly training areas for the Austrian military. In these cases, Natura 2000 designations have been blocked by the military.

After the 1999 alpine biogeographical seminar the government started Austria-wide consultations on a scientific level. An expert group helped the 9 *Bundesländer* governments to come up with additional proposed sites to ensure the sufficiency of the Austrian Network. The Federal Environment Agency also published an evaluation of the national network Natura 2000. In some cases, this was accompanied by negotiations with land user organisations and the Ministry of Defence.

WWF and other NGOs were involved in the site selection process in some *Bundesländer* resulting in the designation of some of Austria's most important natural sites. The degree of involvement of NGOs varies from *Bundesland* to *Bundesland*, as do the impacts of consultations: in lower Austria the landuser organisations forced the government to reduce the surface area of sites; in the *Carinthia*, *Styria* and *Tyrol* regions, consultations led to the proposal of additional sites. Overall, the combined pressure from land user organisations and NGOs has forced the Government to informing the public about Natura 2000, although in practice much of the information work has been done by the NGOs.

### IV. GLOBAL EVALUATION OF THE NATIONAL LIST OF PROPOSED SCI

Not enough sites have been proposed in either of the two biogeographical regions. The transposition of the Directive is also considered insufficient and Austria is facing infringement proceedings as a consequence. A key issue is the lack of information from the government - there is no active information work being done on Natura 2000 by the governments.

Overall, the Austrian network lacks coherence. Each regional government developed its own approach to site designation. Indeed, most *Bundesländer* only proposed sites that were already protected. The general failure to develop a coherent and balanced network of sites that could ensure the conservation status of habitats and species was highlighted by the results of both the alpine and continental biogeographical seminars.

### V. CONSERVATION OF SITES IDENTIFIED AS PSCI

There are several examples of proposed SCIs and/or sites proposed by WWF that are being degraded or destroyed as a consequence of development projects. These include two golf courses which are threatening important wetlands in the *Enns* valley and in *Kaisergebirge/Schwemm*. Infringement proceedings are ongoing in both cases. Another project of concern involves road building and infrastructure plans in *Steinfeld* (lower Austria) that is threatening pannonic stepp grasslands. The site is the last remaining area in the EU to host the priority species *Helicopsis austriaca*.

**Report compiled by: Christoph Walder, WWF - Austria**

**Date: 18 May 2000**

# AUSTRIA

## Austria

### Aist-Naarn-Flußsystem

|             |                            |
|-------------|----------------------------|
| <b>AT11</b> | <b>Species of interest</b> |
| 1355        | Lutra lutra                |

|                                   |
|-----------------------------------|
| <b>Habitats of Interest</b>       |
| 9180 Tilio-Acerion ravine forests |

### Allentsteig

|            |                            |
|------------|----------------------------|
| <b>AT6</b> | <b>Species of interest</b> |
| 1355       | Lutra lutra                |
| 1166       | Triturus cristatus         |

|                             |
|-----------------------------|
| <b>Habitats of Interest</b> |
| 91D0 Bog woodland           |
| 7110 Active raised bogs     |

### Atemlöcher Möser

|             |                             |
|-------------|-----------------------------|
| <b>AT44</b> | <b>Habitats of Interest</b> |
|             | 91D0 Bog woodland           |
|             | 7110 Active raised bogs     |

### Auen der Grenzmur

|             |                            |                                         |
|-------------|----------------------------|-----------------------------------------|
| <b>AT22</b> | <b>Species of interest</b> | <b>Habitats of Interest</b>             |
| 1355        | Lutra lutra                | 91E0 Residual alluvial forests (Alnion) |

### Böhmerwald

|             |                            |                                         |
|-------------|----------------------------|-----------------------------------------|
| <b>AT10</b> | <b>Species of interest</b> | <b>Habitats of Interest</b>             |
| 1355        | Lutra lutra                | 7110 Active raised bogs                 |
| 1361        | Lynx lynx                  | 9180 Tilio-Acerion ravine forests       |
|             |                            | 91E0 Residual alluvial forests (Alnion) |

### Burgenländische Kalk- und Silikattrockenrasen

|            |                                                                                                            |
|------------|------------------------------------------------------------------------------------------------------------|
| <b>AT1</b> | <b>Habitats of Interest</b>                                                                                |
|            | 6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (*impo) |

### Egelsee

|             |                            |                             |
|-------------|----------------------------|-----------------------------|
| <b>AT26</b> | <b>Species of interest</b> | <b>Habitats of Interest</b> |
| 1166        | Triturus cristatus         | 7110 Active raised bogs     |
|             |                            | 91D0 Bog woodland           |

### Eisenerzer Alpen

|             |                            |                                                                                    |
|-------------|----------------------------|------------------------------------------------------------------------------------|
| <b>AT19</b> | <b>Species of interest</b> | <b>Habitats of Interest</b>                                                        |
| 1902        | Cypripedium calceolus      | 4070 Scrub with Pinus mugo and Rhododendron hirsutum (Mugo-Rhododendretum hirsuti) |
| 1166        | Triturus cristatus         | 9180 Tilio-Acerion ravine forests                                                  |

### Ennstaler Flyschalpen

|             |                            |                                                                                                            |
|-------------|----------------------------|------------------------------------------------------------------------------------------------------------|
| <b>AT12</b> | <b>Species of interest</b> | <b>Habitats of Interest</b>                                                                                |
| 1065        | Euphydryas aurinia         | 6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (*impo) |
|             |                            | 9180 Tilio-Acerion ravine forests                                                                          |

### Finkensteiner Moor

|             |                             |
|-------------|-----------------------------|
| <b>AT27</b> | <b>Habitats of Interest</b> |
|             | 91D0 Bog woodland           |

### Flattnitz-Hochmoor

|             |                            |                             |
|-------------|----------------------------|-----------------------------|
| <b>AT28</b> | <b>Species of interest</b> | <b>Habitats of Interest</b> |
| 1361        | Lynx lynx                  | 7110 Active raised bogs     |

### Freiwald

|             |                            |                                   |
|-------------|----------------------------|-----------------------------------|
| <b>AT13</b> | <b>Species of interest</b> | <b>Habitats of Interest</b>       |
| 1361        | Lynx lynx                  | 9180 Tilio-Acerion ravine forests |
|             |                            | 7110 Active raised bogs           |

### Freudsamer Moor-Göbbeberg-Steinerkofel

|             |                             |
|-------------|-----------------------------|
| <b>AT30</b> | <b>Habitats of Interest</b> |
|             | 91D0 Bog woodland           |
|             | 7110 Active raised bogs     |

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### Frohnwiesen

|             |                            |
|-------------|----------------------------|
| <b>AT31</b> | <b>Species of interest</b> |
| 1902        | Cypripedium calceolus      |

|                                                                                                           |
|-----------------------------------------------------------------------------------------------------------|
| <b>Habitats of Interest</b>                                                                               |
| 6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (*impo |

### Gailschlucht im Lesachtal

|             |                            |
|-------------|----------------------------|
| <b>AT25</b> | <b>Species of interest</b> |
| 1355        | Lutra lutra                |

|                                        |
|----------------------------------------|
| <b>Habitats of Interest</b>            |
| 91E0 Residual alluvial forests (Alnion |

### Gitschtal

|             |                                        |
|-------------|----------------------------------------|
| <b>AT32</b> | <b>Habitats of Interest</b>            |
|             | 91E0 Residual alluvial forests (Alnion |

### Gurk

|             |                                   |
|-------------|-----------------------------------|
| <b>AT33</b> | <b>Habitats of Interest</b>       |
|             | 9180 Tilio-Acerion ravine forests |

### Gurk-Niederung

|              |                            |                                        |
|--------------|----------------------------|----------------------------------------|
| <b>AT-35</b> | <b>Species of interest</b> | <b>Habitats of Interest</b>            |
| 1355         | Lutra lutra                | 91E0 Residual alluvial forests (Alnion |
| 1166         | Triturus cristatus         | 7110 Active raised bogs                |

### Hanság

|            |                                                                                                           |
|------------|-----------------------------------------------------------------------------------------------------------|
| <b>AT2</b> | <b>Habitats of Interest</b>                                                                               |
|            | 6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (*impo |
|            | 6510 Lowland hay meadows (Alopecurus pratensis, Sanguisorba officianalis)                                 |
|            | 91D0 Bog woodland                                                                                         |

### Hochmoore bei Feldkirchen

|             |                             |
|-------------|-----------------------------|
| <b>AT29</b> | <b>Habitats of Interest</b> |
|             | 7110 Active raised bogs     |
|             | 91D0 Bog woodland           |

### Ibmer Moor

|             |                             |
|-------------|-----------------------------|
| <b>AT14</b> | <b>Habitats of Interest</b> |
|             | 7110 Active raised bogs     |

### Innere Wimitz

|             |                            |                                        |
|-------------|----------------------------|----------------------------------------|
| <b>AT34</b> | <b>Species of interest</b> | <b>Habitats of Interest</b>            |
| 1355        | Lutra lutra                | 91D0 Bog woodland                      |
|             |                            | 91E0 Residual alluvial forests (Alnion |

### Isel

|             |                                        |
|-------------|----------------------------------------|
| <b>AT45</b> | <b>Habitats of Interest</b>            |
|             | 91E0 Residual alluvial forests (Alnion |

### Kaisergebirge/Schwemm

|             |                            |                                                                                    |
|-------------|----------------------------|------------------------------------------------------------------------------------|
| <b>AT49</b> | <b>Species of interest</b> | <b>Habitats of Interest</b>                                                        |
| 1902        | Cypripedium calceolus      | 7110 Active raised bogs                                                            |
| 1065        | Euphydryas aurinia         | 4070 Scrub with Pinus mugo and Rhododendron hirsutum (Mugo-Rhododendretum hirsuti) |
|             |                            | 9180 Tilio-Acerion ravine forests                                                  |
|             |                            | 6520 Mountain hay meadows (British types with Geranium sylvaticum)                 |

### Lafnitz

|             |                            |                                        |
|-------------|----------------------------|----------------------------------------|
| <b>AT20</b> | <b>Species of interest</b> | <b>Habitats of Interest</b>            |
| 1355        | Lutra lutra                | 91E0 Residual alluvial forests (Alnion |

### Lammer

|             |                                        |
|-------------|----------------------------------------|
| <b>AT40</b> | <b>Habitats of Interest</b>            |
|             | 91E0 Residual alluvial forests (Alnion |

## AUSTRIA

### Landeck (Fließ, Kaunerberg)

AT47

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

### Lechtal

AT46

#### Habitats of Interest

9180 Tilio-Acerion ravine forests  
91E0 Residual alluvial forests (Alnion  
9430 Pinus uncinata forests (\*on gypsum or limestone)

### Leitha-Auen

AT3

#### Species of interest

1166 Triturus cristatus

#### Habitats of Interest

91D0 Bog woodland  
91E0 Residual alluvial forests (Alnion

### Leithagebirge

AT4

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo  
9180 Tilio-Acerion ravine forests

### Moore bei Nauders

AT48

#### Habitats of Interest

7110 Active raised bogs

### Moore im Böhmerwald

AT-54

#### Species of interest

1355 Lutra lutra

#### Habitats of Interest

91D0 Bog woodland  
7110 Active raised bogs

### Mühlbachgraben

AT21

### Nördliche Kalkalpen

AT15

#### Species of interest

1354 Ursus arctos

#### Habitats of Interest

9180 Tilio-Acerion ravine forests  
4070 Scrub with Pinus mugo and Rhododendron hirsutum (Mugo-Rhododendretum hirsuti)

### Oberes Trauntal

AT-53

#### Habitats of Interest

9180 Tilio-Acerion ravine forests

### Rannatal

AT16

#### Species of interest

1361 Lynx lynx

#### Habitats of Interest

7110 Active raised bogs  
9180 Tilio-Acerion ravine forests

### Riedwiesen im nördlichen Rheintal

AT50

### Saalach

AT41

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion

### Salza

AT23

#### Species of interest

1354 Ursus arctos

#### Habitats of Interest

9180 Tilio-Acerion ravine forests  
91E0 Residual alluvial forests (Alnion

## AUSTRIA

### Sattnitz-Südabhänge

AT36

#### Species of interest

1902 Cypripedium calceolus

#### Habitats of Interest

9180 Tilio-Acerion ravine forests  
91E0 Residual alluvial forests (Alnion)

### Steinfeld

AT9

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

### Steirisches Ennstal

AT-51

#### Species of interest

1354 Ursus arctos

#### Habitats of Interest

7110 Active raised bogs  
91D0 Bog woodland

### Steyrtal

AT17

#### Habitats of Interest

9180 Tilio-Acerion ravine forests  
91E0 Residual alluvial forests (Alnion)

### Streifenfluren im westlichen Waldviertel

AT7

#### Species of interest

1355 Lutra lutra

#### Habitats of Interest

9180 Tilio-Acerion ravine forests  
7110 Active raised bogs

### Südoststeirisches Hügelland

AT18

#### Species of interest

1355 Lutra lutra  
1032 Unio crassus

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)  
6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

### Sulm

AT24

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)  
9180 Tilio-Acerion ravine forests

### Taugl

AT42

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Turnersee

AT37

#### Species of interest

1166 Triturus cristatus

### Umgebung von Mattersburg

AT5

#### Habitats of Interest

9180 Tilio-Acerion ravine forests  
6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

### Unteres Gailtal

AT38

#### Species of interest

1355 Lutra lutra  
1354 Ursus arctos  
1361 Lynx lynx

#### Habitats of Interest

91D0 Bog woodland  
6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

### Unterlammer Hügelland

AT-52

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

### Wiesengebiete und Seen im Alpenvorland

AT43

#### Habitats of Interest

7110 Active raised bogs

## AUSTRIA

### Austria

#### Wörthersee-Walterskirchen

##### AT39

##### Species of interest

1166 Triturus cristatus

##### Habitats of Interest

7110 Active raised bogs  
91D0 Bog woodland

#### Zentrales Marchfeld

##### AT8

##### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo



## BELGIUM

### I. INTRODUCTION

1.1 *Biogeographic regions concerned:* Atlantic, Continental

1.2 *Executive Summary*

The Belgian list of proposed SCIs is limited in several respects, not least due to the relatively small area covered by proposed sites which, excluding marine sites, represents only 3% of the whole territory. This level of coverage is believed to be insufficient to guarantee a favourable conservation status for many habitats and species, a view broadly supported by the first round of biogeographical seminars. Many more sites and/or site extensions will be needed, particularly in the Walloon region.

### II. INFORMATION ON THE NATIONAL LIST OF PROPOSED SITES OF COMMUNITY IMPORTANCE

2.1 *Territory Covered and quantity aspects*

| Coverage of Proposed Sites        |                       |
|-----------------------------------|-----------------------|
| The number of sites proposed      | 209                   |
| Total area covered by sites       | 1,107 km <sup>2</sup> |
| Percentage of country's territory | 3.2%                  |
| % Land                            | 2.7 %                 |
| % Marine                          | 0.5%                  |

The Flemish and Brussels regions proposed few but reasonably large sites, while the Walloon region proposed a large number of small and scattered sites, with some exceptions such as bog habitats. Ecologically, and in light of the Directive's overall aim of constructing a coherent network of protected sites, the Wallonian approach is not considered viable.

2.2 *Progress with the Natura 2000 process for site proposals – insufficiencies and difficulties*

The Federal Government, which is competent for the marine zone, and the three Regions submitted its official data forms separately. The Walloon Region sent a second list in March 2000, completing and replacing the first one. The following percentage of habitats and species was considered not sufficiently represented at the last biogeographic seminar:

| Biogeographic region | % of Habitats insufficiently represented | % of Species insufficiently represented |
|----------------------|------------------------------------------|-----------------------------------------|
| Atlantic             | 38 %                                     | 33%                                     |
| Continental          | 82 %                                     | 67%                                     |

The Flemish region is in the process of preparing a second list of sites in order to address the insufficiencies identified at the Atlantic seminar. This list, which should be ready by the summer of 2000, is expected largely to guarantee the good conservation status of all present habitats and species, provided the Flemish government approves the additional proposals.

The Walloon region is trying to compensate for the delays, mainly due to a lack of political will during the previous years, but is facing a serious shortage of human resources. The regional government is making an inventory of the gaps. It does not seem inclined to propose sites which are privately owned, and which do not yet benefit from legal protection measures, in the near future. The main reason is fear of negative reactions from private landowners (farmers, forest owners, etc) whose properties might be proposed as pSCI. The Government is thus planning first to transpose the Habitats Directive into regional legislation in order to avoid having to face the private owners without any legal support and also to respond to the infringement proceedings being brought by European Commission for incomplete transposition of the Directive. However, it could take one or two years

## **BELGIUM**

before the new measures come into effect. Unfortunately, therefore, the process of proposing sites of community importance may be delayed further.

### **III. INFORMATION ON CONSULTATION PROCEDURES TO ELABORATE THE LIST OF PSCI**

So far, none of the regions or the Federal Government has carried out a consultation procedure.

### **IV. GLOBAL EVALUATION OF THE NATIONAL LIST OF PROPOSED SCI**

In the Flemish region, the main deficiencies in the national lists are for forest types (e.g. riverine forests) and for several bat and fish species. In the Walloon region, the only sites to have been proposed are already protected. However, ecologically valuable military camps and privately owned land should also be added to the list in order to achieve a favourable conservation status and to link the already proposed sites with each other. The situation in the Brussels region is satisfactory but recreational pressure on the proposed sites is quite significant.

The Walloon region is the only one to host large mammals such as the otter and the beaver and large river stretches will have to be protected in order to guarantee their survival. For other mammal species such as bats, too often only the winter-residences areas have been proposed without attention to the surrounding areas used for forage. The knowledge of their summer breeding places is also very poor and funds should be allocated to fill this gap.

In the Flemish region, the high degree of urbanisation and industrialisation, and the omnipresence of infrastructures makes it very difficult to build a coherent network of proposed sites. For example: coastal dunes are split up by town centres and tourist infrastructures; many landscape elements have been destroyed by agricultural re-parcelling; etc. Only military camps and the reasonably unspoiled province of Limburg enabled the Flemish region to propose large areas. Nevertheless, important efforts have been made to propose a complete and as coherent as possible list of pSCI.

Fortunately, most of the valuable 'interregional' sites (ie those straddling two regions) have been proposed (e.g. the Dyle valley, Plateau van Caestert - Montagne St-Pierre, etc.). However, consultations are still needed between neighbouring Member States in order to propose or enlarge transboundary sites. Examples of potential international sites are the Grensmaas Valley between Belgium and the Netherlands and the Vallée de l'Attert, also protected in Luxembourg. International consultations should also take place for the French part of the Etangs de Lobiette and an adjacent marine site in France.

### **V. CONSERVATION OF SITES IDENTIFIED AS PSCI**

The proposed marine site is facing some difficulties with fishing practices and recreational activities which are disturbing marine mammals resting on the sandbanks, as well as sea birds. It is therefore critical that the new "Law for the protection of the sea and the marine environment" is finally approved and implementing regulations issued.

In terms of terrestrial sites, there is a general lack of policy and coherent management practices for the proposed sites, e.g. in relation to recreation, hunting, water management, agricultural land use, etc. In addition, there are some very concrete examples of management difficulties or development plans threatening some important sites, such as the extension plans for the port of Antwerp, the management of water levels in the Yzer Valley, and the destruction of historically permanent grasslands in the Polders.

***Report compiled by: David Beyen, Luc Dries, Irene Garlanda, WWF-Belgium Date: 23 May 2000***

# BELGIUM

## Belgium

**Affluents supérieurs de la Houille, Gedinne**

**BEWA015**

### **Habitats of Interest**

91D0 Bog woodland

**Aisances à Marloie, Marche en Famenne**

**BEWA016**

### **Habitats of Interest**

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (*Festuco Brometaha*) (\*imp)

**Alluviale bossen in de omgeving van Lokeren**

**BEVL038**

### **Habitats of Interest**

91E0 Residual alluvial forests (Alnion)

**Alluviale bossen langs de Getes**

**BEVL028**

### **Species of interest**

1166 *Triturus cristatus*

### **Habitats of Interest**

91E0 Residual alluvial forests (Alnion)

**Aulnaie de l'Etang du Moulin à Tintigny-Poncelle, Tintigny**

**BEWA073**

### **Habitats of Interest**

91E0 Residual alluvial forests (Alnion)

**Basse Meuse**

**BEWA017**

### **Species of interest**

1355 *Lutra lutra*  
1032 *Unio crassus*

**Bassin de la Lesse (site 1)**

**BEWA051**

### **Species of interest**

1032 *Unio crassus*  
1355 *Lutra lutra*

**Bassin de la Lesse (site 2)**

**BEWA050**

### **Habitats of Interest**

9180 Tilio-Acerion ravine forests

**Bassin de la Lesse (site 3)**

**BEWA049**

### **Habitats of Interest**

9180 Tilio-Acerion ravine forests  
6510 Lowland hay meadows (*Alopecurus pratensis*, *Sanguisorba officinalis*)

**Bassin de la Semois**

**BEWA053**

### **Species of interest**

1032 *Unio crassus*

### **Habitats of Interest**

9180 Tilio-Acerion ravine forests

**Bassin de l'Our**

**BEWA019**

### **Species of interest**

1355 *Lutra lutra*  
1032 *Unio crassus*

**Blaimont, Hastière**

**BEWA018**

### **Habitats of Interest**

9180 Tilio-Acerion ravine forests

**Bois Cumont et Bois Jean Mouton, Philippeville**

**BEWA013**

### **Habitats of Interest**

9180 Tilio-Acerion ravine forests  
6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (*Festuco Brometaha*) (\*imp)

**Bois de l'Hôpital et d'Hârpe, Seneffe et Nivelles**

**BEWA075**

### **Habitats of Interest**

91E0 Residual alluvial forests (Alnion)

## BELGIUM

### Bois de Silly, Silly

BEWA076

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Bois St-Michel, Forêt de la Masblette, Nassogne/St Hubert/Tennev

BEWA067

#### Habitats of Interest

91D0 Bog woodland

### Bos- en heide gebieden ten oosten van Antwerpen

BEVL012

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Bossen en heiden van zandig Vlaanderen: oostelijk deel

BEVL003

#### Species of interest

1166 Triturus cristatus

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Bossen en heiden van zandig Vlaanderen: westelijk deel

BEVL002

### Bossen van de Vlaamse Ardennen en andere Zuidvlaamse bossen

BEVL005

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Bossen van Limburgs Haspengouw

BEVL023

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Boven- en middenloop van de Bosbeek

BEVL043

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Bovenloop van de Demer

BEVL041

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Bovenloop van de Grote Nete en Zammelsbroek

BEVL025

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Bronbossen en valleibossen van Lubbeek-Bierbeek

BEVL033

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Camp militaire de Lagland, Arlon

BEWA020

#### Habitats of Interest

7110 Active raised bogs  
7120 Degraded raised bogs (still capable of regeneration)  
91D0 Bog woodland

### Camp militaire d'Elsenborn, Butgenbach

BEWA035

#### Habitats of Interest

91D0 Bog woodland  
7120 Degraded raised bogs (still capable of regeneration)  
7110 Active raised bogs

### Cheslé, La Roche en Ardenne

BEWA023

#### Habitats of Interest

9180 Tilio-Acerion ravine forests

### De Broeken

BEVL037

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

## BELGIUM

### De Wolfspuiten

BEVL035

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Demervallei ten oosten van Aarschot

BEVL010

#### Species of interest

1166 Triturus cristatus

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Demervallei ten westen van Aarschot

BEVL009

#### Species of interest

1166 Triturus cristatus

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Dendervallei en aanliggende gebieden

BEVL030

#### Species of interest

1166 Triturus cristatus

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Extension du site des Fagnes, Nassogne/St-Hubert, Tenneville

BEWA079

#### Habitats of Interest

91D0 Bog woodland

### Extension du site Fonds de Leffe, Dinant

BEWA010

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

### Extension du site Vallée de l'Hermeton, Philippeville

BEWA078

#### Habitats of Interest

6510 Lowland hay meadows (Alopecurus pratensis, Sanguisorba officianalis)  
91E0 Residual alluvial forests (Alnion)

### Extension du site Vodelée, Doische

BEWA077

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo  
6510 Lowland hay meadows (Alopecurus pratensis, Sanguisorba officianalis)

### Fagne Bassy, Leglise

BEWA083

#### Habitats of Interest

7110 Active raised bogs  
7120 Degraded raised bogs (still capable of regeneration)

### Fagne de Fosse, Trois Ponts

BEWA024

#### Habitats of Interest

91D0 Bog woodland

### Fagne de Heidelberg, Sankt-Vith

BEWA025

#### Habitats of Interest

91D0 Bog woodland

### Fagne de Hermancheneu, Gouvy

BEWA026

#### Habitats of Interest

91D0 Bog woodland

### Fagne de Ma Campagne, Malmédy

BEWA027

#### Habitats of Interest

91D0 Bog woodland

### Fagne de Quattres Vents, Vielsalm

BEWA029

#### Habitats of Interest

91D0 Bog woodland

## BELGIUM

### Fagne de Rimenvau, Léglise

BEWA028

#### Habitats of Interest

91D0 Bog woodland

### Fond du Pierreu, Ferrières

BEWA007

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

### Fonds de Forêt, Trooz

BEWA030

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

### Forêt de Mirwart, Saint-Hubert

BEWA072

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion

### Fortengordels rond Antwerpen

BEVL026

#### Species of interest

1318 Myotis dasycneme

### Fouyeu à Barvaux, Durbuy

BEWA005

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

### Heide- en vengebieden tussen Houthalen en Gruitrode

BEVL018

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion

### Het Blak, Kievitsheide, Ekstergoor

BEVL013

#### Species of interest

1166 Triturus cristatus

### Het Ringven met valleigronden langs de Heerlese Loop

BEVL014

#### Species of interest

1166 Triturus cristatus

#### Habitats of Interest

7110 Active raised bogs

### Hoursinne, Manhay

BEWA031

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion

### Keha

BEVL042

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion

### Klein en Groot Schietveld

BEVL011

#### Species of interest

1166 Triturus cristatus

### Kleine Nete en vallei met brongebieden, moerassen en heiden

BEVL016

#### Species of interest

1166 Triturus cristatus

### Kraaibos en Vaartaluds

BEVL032

#### Species of interest

1166 Triturus cristatus

### La tête du vallon des Grosses Fontaines, Virton

BEWA014

#### Habitats of Interest

9180 Tilio-Acerion ravine forests

# BELGIUM

## Belgium

### Labuissière, Thuin

BEWA032

#### Species of interest

1166 Triturus cristatus

### Le Bois Gratte-Pierre et Macqenoise, Momignies

BEWA074

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Le deux Ourthes en amont de Nisramont, La Roche en Ardenne

BEWA033

#### Habitats of Interest

9180 Tilio-Acerion ravine forests

### Le Pouhon de Blanchimont à Francorchamps, Stavelot

BEWA068

#### Habitats of Interest

91D0 Bog woodland

### Lombergbos-Kesterheide

BEVL036

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Marais de la Cussignière, Musson

BEWA069

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Marais de Prouvy, Chiny-Tintigny

BEWA034

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Mardelles de la Haute Semois, Légglise et Arlon

BEWA036

#### Species of interest

1166 Triturus cristatus

### Mare de Pitet, Braives

BEWA039

#### Species of interest

1166 Triturus cristatus

### Mares à Feschaux, Beauraing

BEWA037

#### Species of interest

1166 Triturus cristatus

### Markvallei

BEVL029

#### Species of interest

1166 Triturus cristatus

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Mechelse heide en vallei van de Ziepbeek

BEVL020

#### Habitats of Interest

7120 Degraded raised bogs (still capable of regeneration)

### Middenloop van de Dijle

BEVL034

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Netevallei

BEVL039

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Pelouse en surplomb de la gare de Melreux, Hotton

BEWA006

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

## BELGIUM

### Plateau van Caestert met hellingbossen en mergelgroeven

BEVL021

#### Species of interest

1318 *Myotis dasycneme*

### Propriété du Château de Modave, Modave

BEWA038

#### Habitats of Interest

- 6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (*Festuco Brometaha*) (\*impo
- 6510 Lowland hay meadows (*Alopecurus pratensis*, *Sanguisorba officianalis*)
- 9180 Tilio-Acerion ravine forests

### Réserve de Bohan-Membre, Vresse sur Semois

BEWA011

#### Habitats of Interest

- 6510 Lowland hay meadows (*Alopecurus pratensis*, *Sanguisorba officianalis*)

### Rocher de la Marquise à Huccorgne, Wanze

BEWA009

#### Habitats of Interest

- 6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (*Festuco Brometaha*) (\*impo

### Ruisseau de Noire Fagne, Vielsalm

BEWA040

#### Habitats of Interest

- 91D0 Bog woodland

### Ruisseau du Haloi à Orsingfalle, Etalle

BEWA042

#### Habitats of Interest

- 91E0 Residual alluvial forests (*Alnion*)

### Sablière d'Onhaye, Onhaye

BEWA041

#### Species of interest

1166 *Triturus cristatus*

### Schelde- en Durme-estuarium van de Nederlandse grens tot Gent

BEVL004

#### Species of interest

1166 *Triturus cristatus*

#### Habitats of Interest

- 91E0 Residual alluvial forests (*Alnion*)
- 1130 Estuaries

### Site à Beauraing

BEWA003

#### Species of interest

1065 *Euphydryas aurinia*

### Site à Durbuy

BEWA002

#### Species of interest

1065 *Euphydryas aurinia*

### Site à Marche-en-Famenne

BEWA001

#### Species of interest

1065 *Euphydryas aurinia*

### Site à Somme-Leuze

BEWA004

#### Species of interest

1065 *Euphydryas aurinia*

### Sol Fagne, Houffalize

BEWA043

#### Habitats of Interest

- 7110 Active raised bogs
- 91D0 Bog woodland
- 7120 Degraded raised bogs (still capable of regeneration)

### Sources du Noir Ru et Plateau de Longbiermé, Trois-Pont/Stavelot

BEWA044

#### Habitats of Interest

- 91D0 Bog woodland

## BELGIUM

### Tienne du Bossu, Couvin

BEWA080

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (*Festuco Brometaha*) (\*imp)

### Tourbières de Sofa à Sugny, Vresse-sur-Semois

BEWA066

#### Habitats of Interest

91D0 Bog woodland

### Uiterwaarden langs de Limburgse Maas met Vijverbroek

BEVL022

#### Species of interest

1166 *Triturus cristatus*

#### Habitats of Interest

91E0 Residual alluvial forests (*Alnion*)

### Vague de Gomhets, Chiny-Tintigny

BEWA012

#### Habitats of Interest

6510 Lowland hay meadows (*Alopecurus pratensis*, *Sanguisorba officinalis*)  
9180 *Tilio-Acerion* ravine forests

### Vallée d'Aise, Herbeumont

BEWA045

#### Habitats of Interest

9180 *Tilio-Acerion* ravine forests

### Vallée de la Basseille et affluents, Léglise

BEWA046

#### Habitats of Interest

91D0 Bog woodland

### Vallée de la Chinelle, Philippeville

BEWA082

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (*Festuco Brometaha*) (\*imp)

### Vallée de la Houille et se affluents, Gedinne et Beauraing

BEWA047

#### Habitats of Interest

9180 *Tilio-Acerion* ravine forests  
91E0 Residual alluvial forests (*Alnion*)

### Vallée de la Lembrée en amont de Vieuxville, Ferrières

BEWA048

#### Habitats of Interest

91E0 Residual alluvial forests (*Alnion*)

### Vallée de la Masblette et affluents, Nassogne/Saint-Hubert

BEWA052

#### Habitats of Interest

9180 *Tilio-Acerion* ravine forests

### Vallée de la Rouge Eau, Saint-Leger et Etalle

BEWA071

#### Habitats of Interest

91E0 Residual alluvial forests (*Alnion*)

### Vallée de la Sure, Fauvillers et Martelange

BEWA054

#### Species of interest

1355 *Lutra lutra*

### Vallée de l'Amblève, Aywalle et Comblain au Pont

BEWA055

#### Habitats of Interest

9180 *Tilio-Acerion* ravine forests

### Vallée de l'Antrogne, Herbeumont

BEWA056

#### Habitats of Interest

91E0 Residual alluvial forests (*Alnion*)

### Vallée de l'Eau Noire entre Nismes et Couvin, Couvin

BEWA081

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (*Festuco Brometaha*) (\*imp)

## BELGIUM

### Vallée de l'Ourthe, La Roche en Ardenne/Rendeux/Hotton

**BEWA057**                      **Species of interest**  
1355              *Lutra lutra*

### Vallée du Bocq, Yvoir

**BEWA058**

#### **Habitats of Interest**

6210      Semi-natural dry grasslands and scrubland facies on calcareous substrates (*Festuco Brometaha*) (\*imp)  
9180      Tilio-Acerion ravine forests

### Vallée du Congo, Stoumont

**BEWA059**

#### **Habitats of Interest**

9180      Tilio-Acerion ravine forests

### Valleé du Ponceau, Trois-Ponts

**BEWA060**

#### **Habitats of Interest**

91D0      Bog woodland

### Vallée du Royen, La Roche-en-Ardenne

**BEWA061**

#### **Habitats of Interest**

9180      Tilio-Acerion ravine forests

### Vallée du Ruisseau de la Mer, La Roche-en-Ardenne

**BEWA062**

#### **Habitats of Interest**

9180      Tilio-Acerion ravine forests

### Vallée du Samson, Gesves

**BEWA063**

#### **Habitats of Interest**

9180      Tilio-Acerion ravine forests

### Vallées de la Mache et de l'Our et leurs affluents, Daverdisse

**BEWA064**

#### **Habitats of Interest**

9180      Tilio-Acerion ravine forests  
91E0      Residual alluvial forests (*Alnion*)

### Vallées du Trifoi et du Houyoux, Marchin

**BEWA065**

#### **Habitats of Interest**

9180      Tilio-Acerion ravine forests  
6210      Semi-natural dry grasslands and scrubland facies on calcareous substrates (*Festuco Brometaha*) (\*imp)

### Vallei- en brongebied van de Zwarte Beek, Bollisserbeek en Domme

**BEVL017**                      **Species of interest**  
1166              *Triturus cristatus*

#### **Habitats of Interest**

7110      Active raised bogs  
7120      Degraded raised bogs (still capable of regeneration)

### Valleibossen te Gierle-Vosselaar

**BEVL040**

#### **Habitats of Interest**

91E0      Residual alluvial forests (*Alnion*)

### Valleien van de Laambeek, Zonderikbeek, Slangebeek en Roosterbee

**BEVL019**

#### **Habitats of Interest**

7120      Degraded raised bogs (still capable of regeneration)  
91E0      Residual alluvial forests (*Alnion*)

### Valleien van Dijle, Laan en Ijse met aangrenzende bos en moerasg

**BEVL007**

#### **Habitats of Interest**

91E0      Residual alluvial forests (*Alnion*)

### Valleien van Winge en Motte met valleihellingen

**BEVL008**                      **Species of interest**  
1166              *Triturus cristatus*

#### **Habitats of Interest**

91E0      Residual alluvial forests (*Alnion*)

### Valleigebied tussen Melsbroek, Kampenhout, Kortenberg en Veltem

**BEVL006**

#### **Habitats of Interest**

## BELGIUM

### Vennen, heiden en moerassen rond Turnhout BEVL015

91E0 Residual alluvial forests (Alnion

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion

### Voerstreek

#### BEVL024

#### Species of interest

1166 Triturus cristatus

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

### Westbroek Ijzervallei

#### BEVL031

#### Species of interest

1166 Triturus cristatus

### Westvlaams Heuvelland

#### BEVL001

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion

### Zennevallei

#### BEVL027

#### Species of interest

1166 Triturus cristatus



## DENMARK

### INTRODUCTION

1.1 *Biogeographic regions concerned:* Atlantic, Continental

1.2 *Executive Summary*

On a European level, Denmark has been relatively good at designating sites according to the Habitats Directive. However, the national list of pSCI is still not adequate for achieving favourable conservation status for all the habitats and species concerned. This is mainly due to the fact that the authorities succeeded in designating only those sites that were either government owned or already protected in some way. This is especially a problem in the case of forest habitats listed in Annex I of the Directive, many of which occur on privately owned land that has not previously been designated. Although these forests have general legal protection, the owners are still allowed to change e.g. a natural forest into a Christmas tree plantation. Hence these forests have no general legal protection. Other notable shortcomings relate to the dune-type habitats for which Denmark has a particular responsibility.

### I. INFORMATION ON THE NATIONAL LIST OF PROPOSED SITES OF COMMUNITY IMPORTANCE

2.1 *Territory Covered and quantity aspects*

| Coverage of Proposed Sites        |                        |
|-----------------------------------|------------------------|
| The number of sites proposed      | 194*                   |
| Total area covered by sites       | 10,000 km <sup>2</sup> |
| Percentage of country's territory | 23.8 %                 |
| % Land                            | 6.6%                   |
| % Marine                          | 17.2%                  |

\*of which 111 already were SPAs

The list of proposed SCIs from Denmark covers a substantial proportion of the country's territory. In terms of providing a suitably large enough surface size to achieve favourable conservation status for species and habitats concerned, some insufficiencies still exist.

2.2 *Progress with the Natura 2000 process for site proposals – insufficiencies and difficulties*

The Government has submitted to the Commission a list of proposed Sites of Community Importance (pSCIs). However, the following percentages of habitats and species were considered not sufficiently represented at the last biogeographic seminar:

| Biogeographic region | % of Habitats insufficiently represented | % of Species insufficiently represented |
|----------------------|------------------------------------------|-----------------------------------------|
| Continental          | 28% (or 16 habitats out of 57)           | 20% (or 6 species out of 30)            |
| Atlantic             | 12% (or 6 species out of 47)             | 0% (0 species out of 19)                |

The Government has not yet responded to the requirements identified at the biogeographical seminars, at least publicly. This is mainly because the meetings were held quite recently, but also because the Government is probably discussing how to address these insufficiencies. Particular questions include: 'Are new areas to be designated or could perhaps some of the habitats are found in already designated areas?' and 'Is it necessary to have another public enquiry if new designations are to be made?'.

Delays experienced by Denmark in the overall process of implementing the Habitats Directive are mainly due to a lack of resources in administering the Directive and extensive consultations with stakeholders involved in the process.

## DENMARK

### II. INFORMATION ON CONSULTATION PROCEDURES TO ELABORATE THE LIST OF PSCI

There have been several national public consultation procedures (or public enquires) involving local and/or regional authorities, NGOs, land-use organisations and other relevant organisations. The first consultation process was held just after the Government proposed a draft list of pSCIs. Other consultations have followed on legal acts made in connection with the Directive. The result of the consultations has been to improve the lists, although some sites have been withdrawn or reduced in size. The net result, however, is an improvement.

### III. GLOBAL EVALUATION OF THE NATIONAL LIST OF PROPOSED SCI

The main problem with the proposed SCIs arises from the somewhat backward procedure adopted by the Government for designating sites. The areas designated are those already protected or state owned. Instead of analysing where habitats and species identified in Annex I and II existed and then deciding on that basis the best potential pSCI, the procedure has been to match the proposed areas with the Annexes. This has led to some gaps in the list of pSCI, mainly with respect to forest related habitats, where the only areas designated are in state forests, even though a lot of the high quality forest occurs in private forests. Other notable gaps are some of the dune-type habitats for which Denmark has a particular responsibility to protect.

Concerning species, the main problem is an enormous lack of information about many species, such as fish, which makes the designation of certain areas somewhat arbitrary. However, the Government has initiated a monitoring program in order to improve knowledge of species in the future.

The approach to the Danish designations has been to designate larger areas with more ecological features than just the habitats and species in the Annexes. Hence it is difficult to assess how coherent the list of pSCI is in terms of ensuring an appropriate network for habitats and species for their conservation. What can be said, however, is that so far no particular actions (other than existing legal acts) have been taken to establish links between pSCIs, for example, using corridors or stepping stones.

### IV. CONSERVATION OF SITES IDENTIFIED AS PSCI

There is a range of proposed pSCI that are threatened due to the fact that potentially damaging activities have been officially planned for the area or areas affecting the site. e.g. new roads planned, permits to polluting fish farms etc. Another problematic issue is how to deal with the fact that activities already taking place outside pSCI have potential damaging affect on the area, e.g. intensive pig farming close to sensitive heathlands.

***Report compiled by: Per Torsten Sørensen – WWF DK***

***Date: 15 May 2000***

## DENMARK

### Denmark

**Abkær Mose mellem Åbenrå og Haderslev**

**DK031**

#### **Habitats of Interest**

7120 Degraded raised bogs (still capable of regeneration)

**Asnæs Rev**

**DK039**

#### **Habitats of Interest**

1170 Reefs

**Bjergene inklusiv Rævebjerg ved Fårevejle**

**DK042**

#### **Habitats of Interest**

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

**Bjerre Skov ved Hadsten**

**DK020**

#### **Habitats of Interest**

91E0 Residual alluvial forests (Alnion

**Bjørungård Skov ved Vestbjerg**

**DK007**

#### **Habitats of Interest**

91E0 Residual alluvial forests (Alnion

**Bølling Mose ved Engesvang**

**DK023**

#### **Habitats of Interest**

7120 Degraded raised bogs (still capable of regeneration)

**Bornholmske bevoksede sprækkedale**

**DK050**

#### **Habitats of Interest**

9180 Tilio-Acerion ravine forests

**Bradstrup Mose ved Ravnkilde**

**DK004**

#### **Habitats of Interest**

7120 Degraded raised bogs (still capable of regeneration)

**Brandstrup Nørremose ved Rødkærsbro**

**DK018**

#### **Habitats of Interest**

7120 Degraded raised bogs (still capable of regeneration)

**Egensekloster Skov ved Egense**

**DK005**

#### **Habitats of Interest**

91E0 Residual alluvial forests (Alnion

**Elefantgrunden i Storebælt**

**DK052**

#### **Habitats of Interest**

1170 Reefs

**Fjerritslev, Klim, Vester Thorup og Valbjerg Sande**

**DK012**

#### **Habitats of Interest**

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

**Frejlev Skov**

**DK036**

#### **Habitats of Interest**

9180 Tilio-Acerion ravine forests

**Helnæs Bugt**

**DK033**

#### **Habitats of Interest**

1160 Large shallow inlets and bays

**Horns Rev i Nordsøen vest for Blåvand**

**DK051**

#### **Habitats of Interest**

1170 Reefs

## DENMARK

### Isefjorden

DK038

#### Habitats of Interest

1160 Large shallow inlets and bays

### Jægersborg Dyrehave - ellesumpe

DK046

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Klokkedal Skov ved Horsens

DK027

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Korshage ved Rørvig

DK043

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo)

### Kvækerby Mose ved Ringsted

DK041

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Kyndby skrænterne

DK045

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo)

### Langbjerg Plantage - moseområde

DK024

#### Habitats of Interest

7120 Degraded raised bogs (still capable of regeneration)

### Letmose i Gludsted Plantage

DK021

#### Habitats of Interest

7110 Active raised bogs

### Lien og Underlien fra Fosdal til Dybdal ved Tranum

DK003

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo)

### Lindenberg Ådal fra Støvring til Lindenberg med Tulstrup Bæk

DK008

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo)

### Løgstør - kystområder

DK010

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo)

### Lovnkær skovene øst for Hadsund

DK016

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Lyngby Åmose og Nybro Skov ved Kgs. Lyngby

DK047

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Malmmosen ved Furesøen - syd for Furesøenæs

DK048

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Merring Skov vest for Horsens

DK028

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

## DENMARK

### Napstjært Enge ved Råbjerg Mose

DK002

#### Species of interest

1065 Euphydrys aurinia

### Nørholm og Klitgårds Fiskerleje

DK013

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*imp)

### Radsted Å med Hyldekov og Flintinge Byskov ved Sakskøbing

DK035

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Ravnso Skove ved Knudå og Veng Sø ved Ry

DK030

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Rev omkring Møn

DK034

#### Habitats of Interest

1170 Reefs

### Rev ved Bornholm

DK049

#### Habitats of Interest

1170 Reefs

### Roden Skov

DK037

#### Habitats of Interest

9180 Tilio-Acerion ravine forests

### Røsnæs

DK040

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*imp)

### Stenholt Mose nord for Engesvang

DK019

#### Habitats of Interest

7110 Active raised bogs  
7120 Degraded raised bogs (still capable of regeneration)

### Store Hansted Å nord for Horsens

DK029

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Storvorde og Gudumholm

DK011

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*imp)

### Svanemosen ved Kolding

DK026

#### Habitats of Interest

6530 Fennoscandian wooded meadows  
7110 Active raised bogs

### Sydfynske Øhav - ikke udpegede dele ind mod Fyn

DK032

#### Habitats of Interest

1160 Large shallow inlets and bays

### Tolshave Mose ved Jerup

DK001

#### Species of interest

1065 Euphydrys aurinia

### Tranum Klit og Slettestrand

DK015

#### Habitats of Interest

2140 Decalcified fixed dunes with Empetrum nigrum

## DENMARK

### Turebyholm Dyrehave

DK044

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion

### Vang Skov ved Lindholm Å, Vestbjerg

DK006

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion

### Villestrup Ådal

DK009

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

### Vokslev - områder ved Binderup Ådal

DK014

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

### Vullum Sø ved Hjardemål

DK017

#### Habitats of Interest

2140 Decalcified fixed dunes with Empetrum nigrum

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## FINLAND

### I. INTRODUCTION

1.1 *Biogeographic regions concerned:* Alpine, Boreal

1.2 *Executive Summary*

The Finnish NATURA 2000 list of pSCIs was mainly based on existing national nature conservation programmes: 97% of areas were already protected or accepted within these programmes. As a consequence, most of the existing quantitative, qualitative and geographical deficiencies were carried over into the Finnish list. A issue is the fact that 75 % of the Finnish Alpine region is covered by the list, whereas only 7 % of the Boreal region is covered. The worst situation is in southern Finland where only 2.8 % of the land area is covered.

For many habitats and species in the Habitats Directive. For example the inventories for meadows are ready but the final report has not been published. Neither is there any kind of traditional rural biotope conservation programme. However, there is a group discussing the conservation of the forests in the southern Finland.

Some statements in the final decision of the Government are against the Habitats Directive. For example, the Government decided that forestry beyond the border of the Natura site "can't" harm the Natura site (c.f. Article 6 of the Habitats Directive). The autonomous Åland Isles made an independent proposal, which was very weak (Åland asked a landowner if they could take a site from Natura 2000, which was against the Directive).

Finland opposed all claims for the need for additions in the first Boreal seminar in Vargö, Sweden, April 1999. Still the Commission wanted more sites for 33 habitats and species and additional information for 34 sites. This process is still ongoing in the Ministry of Environment.

### II. INFORMATION ON THE NATIONAL LIST OF PROPOSED SITES OF COMMUNITY IMPORTANCE

2.1 *Territory Covered and quantity aspects*

| Coverage of Proposed Sites        |                        |
|-----------------------------------|------------------------|
| The number of sites proposed      | 1381                   |
| Total area covered by sites       | 47,154 km <sup>2</sup> |
| Percentage of country's territory | 13.9 %                 |
| % Land                            |                        |
| % Marine                          |                        |

The surface of sites is generally not suitable to achieve a favourable conservation status for the species and habitats concerned as there are insufficiencies both in habitats and species.

2.2 *Progress with the Natura 2000 process for sites proposals – insufficiencies and difficulties*

The Government has submitted to the Commission a list of proposed Sites of Community Importance (pSCIs), but the Supreme Administrative Court is capable of abolishing, totally or partly, the decision made by the government. The Court is going to give its decision before mid-summer 2000. The following percentage of habitats and species was considered not sufficiently represented at the last biogeographic seminar:

| Biogeographic region | % of Habitats insufficiently represented | % of Species insufficiently represented |
|----------------------|------------------------------------------|-----------------------------------------|
| Alpine               | 0 %                                      | 5%                                      |
| Boreal               | 22.3%                                    | 24.3%                                   |

## FINLAND

The Finnish Ministry of Environment has started the process of selecting more sites and sending them to the Commission in the summer (Alpine) and in autumn (Boreal). The Commission sent a press release to Finland announcing infringement proceedings to take place concerning both the Habitats Directive (14.4.1998) and the Birds Directive (15.7.1999), but the Ministry of Environment has said that the Commission has not sent the cases to the European Court of Justice yet (22.5.2000).

The basic problem causing delay in the process was the lack of resources in the Ministry of Environment. They essentially underestimated the work that was needed because they intended to build Natura 2000 mainly on existing national programmes. However, they found later that they needed new GIS-maps, new inventories, databases, which is an enormous amount of work to do without new money and staff. Hence the envisaged timetable collapsed.

Another delaying factor was the lack of PR and information from the Ministry of Environment. It was very easy for the landowners' union to raise a vast opposition against the first Natura 2000 proposal. However, 94 % of the first proposal was at last accepted by the Government.

Finally, the new Nature Conservation Act made Natura 2000 possible only in January 1997. The Finnish laws make it necessary to have hearings for all people. The thousands of letters that came in as a result of the hearings became the biggest administrative process in Finland after the EU integration 1995. There was also plenty of other material to process in the form of maps, data, reports and so on.

### **III. INFORMATION ON CONSULTATION PROCEDURES TO ELABORATE THE LIST OF PSCI**

All stakeholders were consulted in two public hearings in 1997 and 1998, before the final decision by the Government. In July 1997 the Ministry of Environment declared the first proposal, and every landowner, neighbour, municipality, ministry, company and other stakeholder was allowed to write statements to the Ministry. The Ministry received some 15,000 letters. After hearing the official special group, the Ministry cut 5 % of sites from the proposal. Then in June 1998, the Ministry declared the second "censored" proposal, and everybody was invited to send more letters. This time they received thousands more letters. After this round only minor cuttings were made from the list, the most famous being the Kemihaara mires.

As a result of the two public hearings 47 sites were deleted, 747 reduced - and 5 new areas were accepted and 11 enlarged.

In additions to the hearings there were two official consultative groups:

- 1) Natura 2000 ministerial special group containing one minister from each party in the government. It had 48 meetings.
- 2) Natura 2000 group, where representatives from NGOs and the Landowners Union, officers from various Ministries and companies like the Forest and Parks Services. This was only an informative group where the Ministry of Environment explained what they are doing and others were invited to discuss.

Both groups have now started discussions again concerning additional sites. The consultative process was a success. For instance the Landowners' Union used information provided by the Natura 2000 group to be used in the media in order to hinder Natura 2000 process.

In addition, the Finnish NGOs had their own Natura 2000 group (WWF, BirdLife, Nature League, Friends of the Earth, Finnish Association for Nature Conservation), which produced material for the Ministry; lobbying, statements, proposals and so on. Some sites were accepted, but mainly they were not. In 1997 NGOs, universities and scientific societies proposed around 500 new sites, but only 12 were accepted.

## FINLAND

An Evaluation of the Finnish Natura 2000 list was produced by NGOs before the first Boreal regional seminar. The Finnish Ministry did not want to accept additional sites, so the analysis was very important in the meeting as a means of supporting proposed additions from the Commission.

The Ministry improved its media work after the first phase. They now have a new public relations officer and their material about species and habitats requiring additional sites is very professional.

The Natura 2000 idea is not easy to get across since there are old and new sites, state-owned and private land, and sites which the state is planning to buy. In some cases no changes in use are expected; in others, restrictions will be imposed. The consultation exercise provided an important opportunity to air the views of different parties, although the public still does not fully understand Natura 2000.

### IV. GLOBAL EVALUATION OF THE NATIONAL LIST OF PROPOSED SCI

The principal gaps in Finland's approach have been well known for the last decade and have been documented in various national reports and lists of endangered species. Key areas are the forests in southern Finland, alkaline fens, bog woodlands and traditional rural biotopes such as meadows.

In general, human activities - changes in land use – pose the biggest challenge to biodiversity in Finland and are considered to be responsible for about 90% of endangered species. Forestry is a particular problem for sites. Many of the famous Western taiga forests are not in the Natura 2000 proposal due to opposition from the Forests and Parks Service. NGOs have sent written complaints to the Supreme Administrative Court, for example, concerning logging in Malahvia and Kukkuri in Kainuu (east Finland).

The idea of developing coherent networks of protected areas is rather new in Finland. Natura 2000 is therefore only starting and the most important coherence plans have still to gain the support of the Ministry of Environment and others. These plans concern a green belt between Russia and Finland and a forest belt from the Russian border to Sweden.

### V. CONSERVATION OF SITES IDENTIFIED AS PSCI

There are many projects threatening current pSCIs. At the European level, the most important is the Vuosaari Harbour plan in Helsinki. The planning process is ongoing but if the harbour is built it will have severe impacts on the pSCI & SPA Mustavuori-Östersundom. Similar cases concerning much smaller harbours are currently before the water courts, for example, in Paimionlahti and Mietoistenlahti. There have been no decisions dictating what can or cannot be done in proposed sites or neighbouring areas. Non-site based forestry activities are having a major impact on Western taiga.

***Report compiled by: Mr. Mikko Pitkänen, WWF Finland & Natura 2000 coordinator Mr. Tapani Veistola, Suomen luonnonsuojeluliitto (Finnish Association for Nature Conservation)***

## FINLAND

### Finland

#### Aaporinaapa - Tainiaapa

FI029

#### Habitats of Interest

91D0 Bog woodland  
7110 Active raised bogs  
91E0 Residual alluvial forests (Alnion)

#### Forest of Hietamies

FI020

#### Habitats of Interest

91D0 Bog woodland

#### Forest of Sahajärvi

FI056

#### Habitats of Interest

91D0 Bog woodland

#### Forests of Enonvaara

FI096

#### Forests of Hervantajärvi

FI078

#### Habitats of Interest

91D0 Bog woodland

#### Forests of Karhujärvi

FI053

#### Habitats of Interest

91D0 Bog woodland  
91E0 Residual alluvial forests (Alnion)

#### Forests of Lohikoski

FI017

#### Habitats of Interest

91D0 Bog woodland

#### Forests of Mäkelä

FI047

#### Habitats of Interest

91D0 Bog woodland

#### Forests of Norra Paipis

FI021

#### Habitats of Interest

7110 Active raised bogs  
91D0 Bog woodland  
7120 Degraded raised bogs (still capable of

regeneration)

#### Forests of Northern Pirkanmaa

FI087

#### Habitats of Interest

91D0 Bog woodland

#### Forests of Ruokolahti and Rautjärvi

FI077

#### Habitats of Interest

91D0 Bog woodland

#### Forests of southern Ruunaa

FI002

#### Habitats of Interest

91D0 Bog woodland

#### Forests of Tervanen

FI006

#### Habitats of Interest

91D0 Bog woodland

#### Forests of Ulvinsalo

FI032

#### Species of interest

1354 Ursus arctos

#### Habitats of Interest

91D0 Bog woodland

#### Forests of Vanhankaupunginlahti

## FINLAND

|                                |                            |                                             |
|--------------------------------|----------------------------|---------------------------------------------|
| <b>FI075</b>                   |                            |                                             |
| <b>Hallaneva</b>               |                            |                                             |
| <b>FI067</b>                   |                            | <b>Habitats of Interest</b>                 |
|                                |                            | 7110 Active raised bogs                     |
| <b>Herajärvi</b>               |                            |                                             |
| <b>FI001</b>                   |                            | <b>Habitats of Interest</b>                 |
|                                |                            | 91D0 Bog woodland                           |
| <b>Horjunkeidas</b>            |                            |                                             |
| <b>FI038</b>                   |                            | <b>Habitats of Interest</b>                 |
|                                |                            | 91D0 Bog woodland                           |
|                                |                            | 7120 Degraded raised bogs (still capable of |
| regeneration)                  |                            | 7110 Active raised bogs                     |
| <b>Höytiäinen</b>              |                            |                                             |
| <b>FI015</b>                   |                            | <b>Habitats of Interest</b>                 |
|                                |                            | 91D0 Bog woodland                           |
| <b>Humalavuori</b>             |                            |                                             |
| <b>FI024</b>                   |                            | <b>Habitats of Interest</b>                 |
|                                |                            | 7110 Active raised bogs                     |
| <b>Jämäsvaara-Kalliojärvet</b> |                            |                                             |
| <b>FI033</b>                   | <b>Species of interest</b> | <b>Habitats of Interest</b>                 |
|                                | 1354 Ursus arctos          | 91D0 Bog woodland                           |
| <b>Jännessuo</b>               |                            |                                             |
| <b>FI049</b>                   |                            | <b>Habitats of Interest</b>                 |
|                                |                            | 7110 Active raised bogs                     |
|                                |                            | 91D0 Bog woodland                           |
| <b>Jonasuo</b>                 |                            |                                             |
| <b>FI070</b>                   |                            | <b>Habitats of Interest</b>                 |
|                                |                            | 91D0 Bog woodland                           |
| <b>Joutensuo</b>               |                            |                                             |
| <b>FI040</b>                   |                            | <b>Habitats of Interest</b>                 |
|                                |                            | 91D0 Bog woodland                           |
| <b>Joutensuo-Susisuo</b>       |                            |                                             |
| <b>FI041</b>                   |                            | <b>Habitats of Interest</b>                 |
|                                |                            | 91D0 Bog woodland                           |
| <b>Juuanvaara-Haukisuo</b>     |                            |                                             |
| <b>FI008</b>                   |                            | <b>Habitats of Interest</b>                 |
|                                |                            | 91D0 Bog woodland                           |
| <b>Kapustajoki</b>             |                            |                                             |
| <b>FI083</b>                   |                            | <b>Habitats of Interest</b>                 |
|                                |                            | 91D0 Bog woodland                           |
| <b>Karhunneva</b>              |                            |                                             |
| <b>FI062</b>                   |                            | <b>Habitats of Interest</b>                 |
|                                |                            | 7110 Active raised bogs                     |
|                                |                            | 91D0 Bog woodland                           |
| <b>Karperöfjärden</b>          |                            |                                             |
| <b>FI064</b>                   |                            | <b>Habitats of Interest</b>                 |
|                                |                            | 91D0 Bog woodland                           |
| <b>Keltavuori</b>              |                            |                                             |
| <b>FI022</b>                   |                            | <b>Habitats of Interest</b>                 |

## FINLAND

|                                 |                            |                             |                                    |
|---------------------------------|----------------------------|-----------------------------|------------------------------------|
|                                 |                            | 91D0                        | Bog woodland                       |
| <b>Kotajärvet</b>               |                            |                             |                                    |
| <b>FI085</b>                    |                            | <b>Habitats of Interest</b> |                                    |
|                                 |                            | 91D0                        | Bog woodland                       |
| <b>Kotuskasuo</b>               |                            |                             |                                    |
| <b>FI037</b>                    |                            | <b>Habitats of Interest</b> |                                    |
|                                 |                            | 91D0                        | Bog woodland                       |
| <b>Kyläntaustanjärvet</b>       |                            |                             |                                    |
| <b>FI065</b>                    |                            | <b>Habitats of Interest</b> |                                    |
|                                 |                            | 91D0                        | Bog woodland                       |
| <b>Lakeasuo-Mustalampi</b>      |                            |                             |                                    |
| <b>FI054</b>                    |                            | <b>Habitats of Interest</b> |                                    |
|                                 |                            | 91D0                        | Bog woodland                       |
|                                 |                            | 7110                        | Active raised bogs                 |
| <b>Långträsk</b>                |                            |                             |                                    |
| <b>FI094</b>                    |                            | <b>Habitats of Interest</b> |                                    |
|                                 |                            | 91D0                        | Bog woodland                       |
| <b>Långviken</b>                |                            |                             |                                    |
| <b>FI060</b>                    |                            | <b>Habitats of Interest</b> |                                    |
|                                 |                            | 1150                        | Lagoons                            |
| <b>Lanskata</b>                 |                            |                             |                                    |
| <b>FI058</b>                    |                            | <b>Habitats of Interest</b> |                                    |
|                                 |                            | 91D0                        | Bog woodland                       |
| <b>Lauttasenmäki-Oinaslampi</b> |                            |                             |                                    |
| <b>FI016</b>                    |                            | <b>Habitats of Interest</b> |                                    |
|                                 |                            | 91D0                        | Bog woodland                       |
| <b>Lehijärvi</b>                |                            |                             |                                    |
| <b>FI076</b>                    |                            |                             |                                    |
| <b>Lehtisenkeidas</b>           |                            |                             |                                    |
| <b>FI073</b>                    |                            | <b>Habitats of Interest</b> |                                    |
|                                 |                            | 91D0                        | Bog woodland                       |
| <b>Losonvaara</b>               |                            |                             |                                    |
| <b>FI031</b>                    |                            | <b>Habitats of Interest</b> |                                    |
|                                 |                            | 91D0                        | Bog woodland                       |
| <b>Louhuvuori</b>               |                            |                             |                                    |
| <b>FI048</b>                    |                            | <b>Habitats of Interest</b> |                                    |
|                                 |                            | 91D0                        | Bog woodland                       |
| <b>Loutenvaara-Petäjäsuo</b>    |                            |                             |                                    |
| <b>FI051</b>                    |                            | <b>Habitats of Interest</b> |                                    |
|                                 |                            | 91D0                        | Bog woodland                       |
|                                 |                            | 91E0                        | Residual alluvial forests (Alnion) |
| <b>Löytynsuo-Piiponsuo</b>      |                            |                             |                                    |
| <b>FI039</b>                    |                            | <b>Habitats of Interest</b> |                                    |
|                                 |                            | 91D0                        | Bog woodland                       |
| <b>Malahvia</b>                 |                            |                             |                                    |
| <b>FI034</b>                    | <b>Species of interest</b> | <b>Habitats of Interest</b> |                                    |
|                                 | 1354 Ursus arctos          | 91D0                        | Bog woodland                       |
| <b>Metsäkulma</b>               |                            |                             |                                    |
| <b>FI057</b>                    |                            | <b>Habitats of Interest</b> |                                    |

## FINLAND

### Metsäkylä

FI100

91D0 Bog woodland  
7110 Active raised bogs

#### Habitats of Interest

91D0 Bog woodland

### Mires of Hattujärvi

FI007

#### Habitats of Interest

91D0 Bog woodland  
7110 Active raised bogs

### Mires of Joutsijärvi

FI072

#### Habitats of Interest

91D0 Bog woodland

### Mires of Kemihaara

FI088

#### Species of interest

1354 Ursus arctos  
1361 Lynx lynx  
1355 Lutra lutra

#### Habitats of Interest

91D0 Bog woodland  
91E0 Residual alluvial forests (Alnion)

### Mires of Långå

FI071

#### Habitats of Interest

91D0 Bog woodland  
91E0 Residual alluvial forests (Alnion)

### Mires of Vaikko

FI009

#### Habitats of Interest

91D0 Bog woodland

### Mulkovuori

FI044

#### Habitats of Interest

91D0 Bog woodland

### Mustavuori-Östersundom

FI025

#### Habitats of Interest

91D0 Bog woodland

### Näätävaara-Leväjärvi

FI014

#### Habitats of Interest

91D0 Bog woodland

### Niinimäki

FI093

#### Habitats of Interest

9180 Tilio-Acerion ravine forests

### Oinasvaara

FI013

#### Habitats of Interest

91D0 Bog woodland

### Otrosvaara-Matovaara

FI018

#### Habitats of Interest

91D0 Bog woodland

### Paappasenmäki

FI079

### Pääskivaara-Roninselkonen

FI026

#### Habitats of Interest

91D0 Bog woodland

### Pampalo

FI059

#### Habitats of Interest

91D0 Bog woodland

## FINLAND

### Parkonkangas-Syväsuo

FI089

#### Habitats of Interest

91D0 Bog woodland

### Pasture of Korvenkylä

FI092

#### Species of interest

1065 Euphydryas aurinia

#### Habitats of Interest

6520 Mountain hay meadows (British types with Geranium sylvaticum)

### Peuralamminneva

FI003

### Pikku-Suolijärvi

FI019

#### Habitats of Interest

91D0 Bog woodland

### Pitkäselkä-Kallioselkä

FI084

#### Species of interest

1902 Cypripedium calceolus

#### Habitats of Interest

91D0 Bog woodland

### Puohtiinsuo

FI004

### Purtovaara

FI010

#### Habitats of Interest

91D0 Bog woodland

### Raikoneva

FI080

#### Habitats of Interest

91D0 Bog woodland

### Räimänmäki

FI045

#### Habitats of Interest

91D0 Bog woodland

### Rasiahonkangas

FI090

#### Habitats of Interest

91D0 Bog woodland

### Ristiaapa

FI050

### Saari-Valama

FI097

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)  
91D0 Bog woodland

### Salminen-Joutensuo

FI069

#### Habitats of Interest

91D0 Bog woodland  
91E0 Residual alluvial forests (Alnion)

### Salmivaara

FI027

#### Habitats of Interest

91D0 Bog woodland

### Särkkälammet

FI011

#### Habitats of Interest

91D0 Bog woodland

### Saunaniemi

FI023

#### Habitats of Interest

91D0 Bog woodland

## FINLAND

Selkäsuo

FI036

### Habitats of Interest

91D0 Bog woodland

Selkäydenkuivio

FI061

### Habitats of Interest

91D0 Bog woodland

Simpelejärvi

FI082

Sipoonkorpi

FI074

### Habitats of Interest

91D0 Bog woodland

Stormossen

FI055

### Habitats of Interest

91D0 Bog woodland

Syöte

FI012

### Habitats of Interest

91D0 Bog woodland

Syvätlammit

FI028

### Species of interest

1361 Lynx lynx  
1354 Ursus arctos

### Habitats of Interest

91D0 Bog woodland

Talvivaara

FI030

### Habitats of Interest

91D0 Bog woodland

Teerisuo-Hanhiharju

FI091

### Habitats of Interest

91D0 Bog woodland

Tornionjoki river

FI095

Tulkkiaapa

FI086

Tunturinvuori

FI043

### Habitats of Interest

91D0 Bog woodland

Tuohimäki

FI046

### Habitats of Interest

91D0 Bog woodland

Tytinmäki-Vaakkoi

FI052

### Habitats of Interest

91D0 Bog woodland

Ukonmäki

FI066

Ukonsuo-Patjamäki

FI035

### Habitats of Interest

91D0 Bog woodland

Urajärvi

FI063

## FINLAND

**Vahekivi**

**FI042**

**Valkeinen**

**FI005**

### **Habitats of Interest**

91D0 Bog woodland

**Vankonvaara-Kylkisuo**

**FI099**

### **Habitats of Interest**

91D0 Bog woodland

**Vattaja**

**FI081**

### **Habitats of Interest**

2140 Decalcified fixed dunes with *Empetrum nigrum*

1160 Large shallow inlets and bays

91D0 Bog woodland

**Virkämäki**

**FI068**

### **Habitats of Interest**

91D0 Bog woodland

## FRANCE

### I. INTRODUCTION

1.1 *Biogeographic regions concerned:* Alpine, Atlantic, Continental, Mediterranean

1.2 *Executive Summary*

The current official list proposal of sites, covering 5.8% of the territory, is far short of the 13% objective for territorial coverage that was identified in the 1996 scientific inventory. Individual sites are also considered too small to ensure adequate protection. Particular gaps are noted in respect of herbaceous habitats, mixed and cultivated habitats, woods and forests - all areas that are also of interest for economic development.

Many sites are not being proposed due to local political problems and strong lobbying from land users, as well as a more general lack of public awareness. A further impediment is poor scientific information relating to most of the relevant habitats identified by the Directive.

The amount of legal protection afforded to sites is also inadequate, due to a failure to fully transpose the provisions of the Habitats Directive into French law. Examples are given of proposed SCIs that are threatened by development projects, including a major road building project in the Pyrenées that is set to destroy habitats identified in the Habitats Directive. An action plan for managing the wolf *Canis lupus* is also considered inadequate to ensure the population is brought within favourable conservation status.

### II. INFORMATION ON THE NATIONAL LIST OF PROPOSED SITES OF COMMUNITY IMPORTANCE

2.1 *Territory Covered and quantity aspects*

| Coverage of Proposed Sites        |                        |
|-----------------------------------|------------------------|
| The number of sites proposed      | 1,029                  |
| Total area covered by sites       | 26,720 km <sup>2</sup> |
| Percentage of country's territory | 5.8%                   |
| % Land                            | 4.9%                   |
| % Marine                          | 0.86%                  |

The current official proposed list of sites covers 5.8% of the French territory and falls far short of the 13% objective for territorial coverage that was identified in a 1996 scientific inventory. In general, the sites proposed are considered too small. Indeed, site boundaries will be one of the main issues debated in the next round of biogeographical meetings.

2.2 *Progress with the Natura 2000 process for site proposals – insufficiencies and difficulties*

The Government has submitted to the Commission a list of proposed Sites of Community Importance (pSCIs). However, the following percentage of habitats and species was considered not sufficiently represented at the last biogeographic seminars:

| Biogeographic region | % of Habitats insufficiently represented | % of Species insufficiently represented |
|----------------------|------------------------------------------|-----------------------------------------|
| Alpine – Pyrenées    | 50% (or 25 out of 50 habitats)           | 55.9% (or 19 out of 34 species)         |
| Alpine – Alps        | 12.3% (or 8 out of 65 habitats)          | 5.7% (or 3 out of 52 species)           |
| Atlantic             | 36.1% (or 30 out of 83 habitats)         | 33.7% (or 26 out of 77 species)         |

## FRANCE

|               |                                  |                                 |
|---------------|----------------------------------|---------------------------------|
| Continental   | 40% (or 26 out of 65 habitats)   | 48.5% (or 33 out of 68 species) |
| Mediterranean | 44.2% (or 42 out of 95 habitats) | 29.6% (or 24 out of 81)         |

France intends to propose more sites in response to the seminars. To support such proposals, national studies are planned on bats, and fresh water mussels *Magaritifera margaritifera* and *Unio crassus*. Regional studies are also ongoing in the Alps on mountain hay meadows (6520) and in the Mediterranean region on Mediterranean temporary ponds (3170).

It is not clear when additional sites will be proposed: a three month delay in local consultations for the Alps and Mediterranean regions means that the deadline Commission's is not likely to be met; the situation is less optimistic still for the Pyrenean region.

### III. INFORMATION ON CONSULTATION PROCEDURES TO ELABORATE THE LIST OF PSCI

Work establishing the scientific inventory is co-ordinated by the *Muséum National d' Histoire Naturelle* (National Natural History Museum) and headed in each region, under the supervision of the prefect, by regional scientific committees on natural heritage composed of experts and co-ordinated by regional environment services (DIREN). The inventory, validated by the *Conseil National de Protection de la Nature* (National Nature Conservation Council), has enabled the identification of 1316 sites to date.

Each *département* (administrative division) prefect then passes on the proposals, having consulted with the mayors. This consultation process, provisioned by decree, has been broadened out to include all parties involved in the departmental monitoring committee (*Comité départemental de suivi*). Brought together at national level, these proposals are then subject to inter-ministerial consultation before the French list is transmitted to the European Commission.

Proper implementation of the Habitats Directive in France is limited by a general lack of awareness of the Directive and its basic philosophy. More specifically, it is difficult for the public to comprehend how nature can be conserved in the absence of strong legal restraints and/or financial incentives. It will take a long time to change these views.

### IV. GLOBAL EVALUATION OF THE NATIONAL LIST OF PROPOSED SCI

The main problem with the French list is the low overall coverage of sites, due to a general reduction in the size of sites compared to the scientific list. The gaps are most visible in the herbaceous habitats, the mixed and cultivated habitats, the woods and forests - all concerned with more economic development.

In addition, many sites (i.e. in regions like *Aquitaine* or *Languedoc Roussillon*) are not being proposed due to local political problems or strong lobbying against the Directive from landowners, hunters, foresters and farmers. Nevertheless, the principal problem continues to be a lack of scientific information for most of the habitats targeted by the Directive. A separate issue relates to the fact that national legislation does not fully reflect the provisions of the Directive, in particular those concerning protection of Natura 2000 sites (Article 6).

### V. CONSERVATION OF SITES IDENTIFIED AS PSCI

It is generally difficult to obtain information on damage or destruction of pSCI or sites contained in the WWF shadow list. However, there is evidence that transport infrastructure projects, in particular the construction of roads and motorways, are threatening certain sites. Examples include the A28 highway in the *Sarthe* region which threatens *la forêt de Bercé*, home to *Osmoderma eremita*. The construction of the Pau-Saragosse European axe in the Aspe valley in the Pyrenean mountains will also destroy the habitats of *Rosalia alpina*, *Ursus arctos* and *Galemys pyrenaicus*.

## FRANCE

There are also concerns about the adequacy of a proposed action plan for a population of wolf (*Canis lupus*) which is outside favourable conservation status. The plan involves zoning with exclusion territories and includes only very small fully protected areas.

***Report compiled by: Christine Sourd, WWF-France***

***Date: May 23, 2000***

## FRANCE

### France

#### Adrets de Montjustin, les Craux, rochers et crêtes de Volx

FR1542\*

##### Habitats of Interest

- 3290 Intermittently flowing Mediterranean rivers
- 6510 Lowland hay meadows (*Alopecurus pratensis*, *Sanguisorba officinalis*)

#### Archipels marseillais

FR1602\*

##### Habitats of Interest

- 1160 Large shallow inlets and bays

#### Basse vallée de l'Aude

FR1435\*

##### Habitats of Interest

- 1130 Estuaries

#### Basse vallée de l'Ognon

FR1344a

##### Species of interest

- 1032 *Unio crassus*

#### Bois de Serqueux

FR0330

##### Habitats of Interest

- 9180 Tilio-Acerion ravine forests

#### Boisements à chênes verts des dunes du littoral Girondin

FR0697

##### Habitats of Interest

- 2270 Wooded dunes with *Pinus pinea* and/or *Pinus*

#### Buttes calcaires de l'ouest corrézien

FR1118

##### Habitats of Interest

- 6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (*Festuco Brometaha*) (\*impo

#### Camp militaire du bois d'Anjou à Brienne et Juzanvigny

FR0311

##### Habitats of Interest

- 6510 Lowland hay meadows (*Alopecurus pratensis*, *Sanguisorba officinalis*)

#### Capendula

FR568B

##### Habitats of Interest

- 3170 Mediterranean temporary ponds

#### Cirque de consolation Vallée du dessoubre et de la reverotte

FR1298

##### Species of interest

- 1361 *Lynx lynx*

##### Habitats of Interest

- 9180 Tilio-Acerion ravine forests
- 6510 Lowland hay meadows (*Alopecurus pratensis*, *Sanguisorba officinalis*)
- 6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (*Festuco Brometaha*) (\*impo

#### Collines du Lanois oriental

FR0346B

##### Habitats of Interest

- 9180 Tilio-Acerion ravine forests

#### Complexe tourbeux et de landes du Changeon et de la Roumer

FR0538

##### Habitats of Interest

- 9180 Tilio-Acerion ravine forests

#### Conque de la Preste

FR1476

##### Species of interest

- 1902 *Cypripedium calceolus*

#### Côte bleue -Chaine de l'Estaque - Domaines terrestre et maritime

FR1601\*

##### Habitats of Interest

## FRANCE

|                                                                                                                      |                                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Coteau de la Marne</b><br/><b>FR0346A</b></p>                                                                  | <p>1160 Large shallow inlets and bays</p> <p><b>Habitats of Interest</b><br/>9180 Tilio-Acerion ravine forests</p>                               |
| <p><b>Côteaux de la vallée de l'Automne</b><br/><b>FR0366!</b></p>                                                   | <p><b>Habitats of Interest</b><br/>9180 Tilio-Acerion ravine forests</p>                                                                         |
| <p><b>Côteaux de l'Oise amont</b><br/><b>FR0385</b></p>                                                              | <p><b>Habitats of Interest</b><br/>9180 Tilio-Acerion ravine forests</p>                                                                         |
| <p><b>Côteaux de Scherwiller</b><br/><b>FR1804</b></p> <p><b>Species of interest</b><br/>1065 Euphydryas aurinia</p> |                                                                                                                                                  |
| <p><b>Cotes de Morimon</b><br/><b>FR0156</b></p>                                                                     | <p><b>Habitats of Interest</b><br/>6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (*impo</p> |
| <p><b>Crêtes d'Isola 2000, cîme de Tavel, Boréon, Salèse...</b><br/><b>FR1558</b></p>                                | <p><b>Habitats of Interest</b><br/>4070 Scrub with Pinus mugo and Rhododendron hirsutum (Mugo-Rhododendretum hirsuti)</p>                        |
| <p><b>Delta de Camargue, domaines terrestre et maritime</b><br/><b>FR1592*</b></p>                                   | <p><b>Habitats of Interest</b><br/>1130 Estuaries</p>                                                                                            |
| <p><b>Dunes du littoral girondin de la pointe de grave au cap ferret</b><br/><b>FR0678</b></p>                       | <p><b>Habitats of Interest</b><br/>2270 Wooded dunes with Pinus pinea and/or Pinus</p>                                                           |
| <p><b>Dunes modernes du littoral landais d'Arcachon à Mimizan-plage</b><br/><b>FR0710</b></p>                        | <p><b>Habitats of Interest</b><br/>2270 Wooded dunes with Pinus pinea and/or Pinus</p>                                                           |
| <p><b>Embouchure du Tech et grau de la Massane</b><br/><b>FR1493*</b></p>                                            | <p><b>Habitats of Interest</b><br/>1130 Estuaries</p>                                                                                            |
| <p><b>Estuaire du Blavet et du Scorff</b><br/><b>FR0060</b></p>                                                      | <p><b>Habitats of Interest</b><br/>1130 Estuaries</p>                                                                                            |
| <p><b>Etangs de Brach et de Ruffaud</b><br/><b>FR1116</b></p> <p><b>Species of interest</b><br/>1355 Lutra lutra</p> |                                                                                                                                                  |
| <p><b>Fleuve Lez</b><br/><b>FR1392</b></p>                                                                           | <p><b>Habitats of Interest</b><br/>3170 Mediterranean temporary ponds</p>                                                                        |
| <p><b>Forêt de Braconne</b><br/><b>FR0406</b></p>                                                                    | <p><b>Habitats of Interest</b><br/>9180 Tilio-Acerion ravine forests</p>                                                                         |

## FRANCE

### Forêt domaniale de Gérardmer est

FR0195

#### Habitats of Interest

- 6520 Mountain hay meadows (British types with *Geranium sylvaticum*)
- 9180 Tilio-Acerion ravine forests
- 7110 Active raised bogs

### Forêt d'Orient

FR0247A

#### Species of interest

- 1355 *Lutra lutra*

### Forêt et ravin de la source de l'Ouche

FR1003

#### Habitats of Interest

- 9180 Tilio-Acerion ravine forests
- 6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (*Festuco Brometaha*) (\*imp)

### Forêts et étangs du Bambois

FR0190

#### Habitats of Interest

- 9180 Tilio-Acerion ravine forests
- 6520 Mountain hay meadows (British types with *Geranium sylvaticum*)

### Forêts, landes et prairies de fauche des versants du col d'Ornon

FR1753

#### Habitats of Interest

- 6520 Mountain hay meadows (British types with *Geranium sylvaticum*)
- 9180 Tilio-Acerion ravine forests

### Gorges de Chavanon

FR1012C

#### Species of interest

- 1355 *Lutra lutra*

### Gorges de l'Allier de Ponts d'Alleyras à Chapeauroux

FR1012A

#### Species of interest

- 1106 *Salmo salar*

### Gorges de l'Hérault

FR1388\*

#### Habitats of Interest

- 3170 Mediterranean temporary ponds

### Gorges de Valabre, vallon de Mollières

FR1557

#### Habitats of Interest

- 9180 Tilio-Acerion ravine forests

### Gorges du Chapeauroux

FR1012B

#### Species of interest

- 1106 *Salmo salar*

### Haute vallée de la Clarée, mont Thabor, vallée étroite nois Noir

FR1499

#### Habitats of Interest

- 6520 Mountain hay meadows (British types with *Geranium sylvaticum*)
- 4070 Scrub with *Pinus mugo* and *Rhododendron hirsutum* (*Mugo-Rhododendretum hirsuti*)

### Haute vallée de la Diège

FR1114

#### Species of interest

- 1355 *Lutra lutra*

#### Habitats of Interest

- 7110 Active raised bogs

### Haute vallée de l'Aa en amont de Remilly-Wirquin

FR0500

#### Habitats of Interest

- 9180 Tilio-Acerion ravine forests

## FRANCE

### Hautes vallées de la Solre, la Thure, la Hante et leurs versants

FR0512

#### Habitats of Interest

9180 Tilio-Acerion ravine forests

### Herbiers de Posidonies des Aresquiers et de Palavas

FR1413

#### Habitats of Interest

1120 Posidonia beds

### La Bruch de sa source à Holzheim

FR1800

#### Species of interest

1106 *Salmo salar*

### La côte d'Hyères et son archipel (terrestre et maritime)

FR1613\*

#### Habitats of Interest

1160 Large shallow inlets and bays

### La Durance de Sisteron à Cadarache

FR1543

#### Species of interest

1355 *Lutra lutra*

### La Nivelle (estuaire, barthes et cours d'eau)

FR0785

#### Habitats of Interest

1130 Estuaries

### La plaine et le massif des Maures

FR1622\*

#### Habitats of Interest

3170 Mediterranean temporary ponds

### La Sauer et le Steinbach entre Lembach et Niedersteinbach

FR1794\*

#### Species of interest

1032 *Unio crassus*

### Lagune de Brusc et récif barrière

FR1497A

#### Habitats of Interest

1120 Posidonia beds

### L'Aigue Brun

FR1588

#### Habitats of Interest

6510 Lowland hay meadows (*Alopecurus pratensis*, *Sanguisorba officinalis*)

### Landes et pelouses serpentiniques du sud corrézien

FR1108

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (*Festuco Brometalia*) (\*impo

### Landes et tourbières du terrain militaire de Bitche

FR0212

#### Habitats of Interest

91D0 Bog woodland  
7110 Active raised bogs

### Landes, mares et bois acides du plateau de Sorrus / St Josse...

FR0491

#### Habitats of Interest

9180 Tilio-Acerion ravine forests

### Landes, prairies et habitats rocheux du massif du mont Thabor

FR1778

#### Habitats of Interest

6520 Mountain hay meadows (British types with *Geranium sylvaticum*)

### Landes... du massif de l'Obiou et des gorges de la Souloise

FR1747

#### Habitats of Interest

9180 Tilio-Acerion ravine forests

## FRANCE

### Le gave d'Aspe et le Lourdios

**FR0792** **Species of interest**  
1106 Salmo salar

### Le gave d'Ossau

**FR0793** **Species of interest**  
1106 Salmo salar

### Les petits causses du Minervois

**FR1444\***

#### Habitats of Interest

3170 Mediterranean temporary ponds

### Marais de St Germain

**FR0280**

#### Habitats of Interest

91D0 Bog woodland

### Massif de l'Annie et d'Espelungere

**FR0746** **Species of interest**  
1354 Ursus arctos

#### Habitats of Interest

9430 Pinus uncinata forests (\*on gypsum or limestone)  
6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

### Massif de Sesques et de l'Ossau

**FR0744** **Species of interest**  
1354 Ursus arctos

#### Habitats of Interest

7120 Degraded raised bogs (still capable of regeneration)  
9430 Pinus uncinata forests (\*on gypsum or limestone)  
7110 Active raised bogs  
6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

### Massif des Albères

**FR1483\***

#### Habitats of Interest

3170 Mediterranean temporary ponds

### Massif du mont d'Or, du Noirmont et du Risol

**FR1290** **Species of interest**  
1361 Lynx lynx

#### Habitats of Interest

9180 Tilio-Acerion ravine forests  
6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo  
7110 Active raised bogs  
6520 Mountain hay meadows (British types with Geranium sylvaticum)

### Massif du Montagnon

**FR0745** **Species of interest**  
1354 Ursus arctos

### Massif Pierre d'Avenon, Canadel, Maures littorales de Bormes à

**FR1623**

#### Habitats of Interest

3170 Mediterranean temporary ponds

### Mont Chauffé

**FR1632A**

#### Habitats of Interest

4070 Scrub with Pinus mugo and Rhododendron hirsutum (Mugo-Rhododendretum hirsuti)

### Montagne de Cagna

**FR0589**

#### Habitats of Interest

3170 Mediterranean temporary ponds

### Pelouse de la Husse à Prouilly

**FR0254**

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

## FRANCE

### Pelouses et forêts de Chamouse, de la Clavelière et de Montlaud

FR1687

#### Habitats of Interest

9180 Tilio-Acerion ravine forests

### Pelouses, landes, forets de ravin du massif des Bauges

FR1775\*

#### Habitats of Interest

9180 Tilio-Acerion ravine forests

6520 Mountain hay meadows (British types with *Geranium sylvaticum*)

### Pelouses, rochers et buxaie de la pointe de Givet

FR0246

#### Habitats of Interest

9180 Tilio-Acerion ravine forests

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (*Festuco Brometaha*) (\*impo

### Pelouses, tuffières et habitats rocheux des gorges de l'Ain

FR1646

#### Species of interest

1361 *Lynx lynx*

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (*Festuco Brometaha*) (\*impo

### Plateau d'Emparis, Goléon, col du Lautaret, Galibier

FR1497\*

#### Habitats of Interest

9430 *Pinus uncinata* forests (\*on gypsum or limestone)

### Plateau récif de St Florent

FR0568A

#### Habitats of Interest

1120 *Posidonia* beds

### Plateaux des 100 étangs

FR1346

#### Species of interest

1355 *Lutra lutra*

#### Habitats of Interest

7110 Active raised bogs

### Pointe de la tour d'Olmeto

FR0568C

#### Habitats of Interest

3170 Mediterranean temporary ponds

### Rivière Goyen

FR0047

#### Habitats of Interest

1130 Estuaries

### Savart de la Tommelle à Marigny

FR0255

#### Species of interest

1065 *Euphydryas aurinia*

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (*Festuco Brometaha*) (\*impo

### Savart du camp militaire de Mailly-le-Camp

FR0257

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (*Festuco Brometaha*) (\*impo

### Savart du camp militaire de Moronvilliers

FR0256

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (*Festuco Brometaha*) (\*impo

### Savart du camp militaire de Mourmelon

FR0258

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (*Festuco Brometaha*) (\*impo

### Savart du camp militaire de Suippes

FR0259

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (*Festuco Brometaha*) (\*impo

## FRANCE

### Secteur de Carqueiranne, le plan de la Garde et du Pradet

FR1611

#### Habitats of Interest

1120 Posidonia beds

### Sources, tufs et travertins de Salernes, Barjols et Cotignac

FR1618

#### Habitats of Interest

3170 Mediterranean temporary ponds

### Steppes de la Valbonne

FR1639

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

### Tourbière de Cerneux-Gourinots et zones humides

FR1287

#### Habitats of Interest

7110 Active raised bogs  
6520 Mountain hay meadows (British types with Geranium sylvaticum)

### Tourbière de Gabarn

FR0780

#### Habitats of Interest

7120 Degraded raised bogs (still capable of regeneration)

### Tourbière de Louvie-Juzon

FR0782

#### Habitats of Interest

7110 Active raised bogs

### Tourbière de Négarioux-Malsagnes

FR1104\*

#### Habitats of Interest

7110 Active raised bogs  
7120 Degraded raised bogs (still capable of regeneration)

### Tourbière des 4 routes d'Albussac

FR1117

#### Habitats of Interest

7110 Active raised bogs

### Tourbière et coteaux de Cessières-Montbavin

FR0393

#### Habitats of Interest

9180 Tilio-Acerion ravine forests

### Tourbières, forêts... de Parmelan, des Glières et de Sous-Dine

FR1704\*

#### Habitats of Interest

9430 Pinus uncinata forests (\*on gypsum or limestone)

### Tourbières, landes...de la Cornette de Bise et de la Dent d'Oche

FR1709\*

#### Habitats of Interest

9430 Pinus uncinata forests (\*on gypsum or limestone)

### Vallée de la Bellongue

FR0820

#### Species of interest

1354 Ursus arctos

#### Habitats of Interest

7110 Active raised bogs

### Vallée de la Claise et affluents

FR0542

#### Habitats of Interest

9180 Tilio-Acerion ravine forests

### Vallée de la Laize et bois associés

FR0093

#### Habitats of Interest

9180 Tilio-Acerion ravine forests

### Vallée de la Meurthe collet de la Schlucht au Valtin Rudlin

FR0239

#### Habitats of Interest

6520 Mountain hay meadows (British types with Geranium sylvaticum)

## FRANCE

### Vallée de la Nied Réunie

FR0241

#### Habitats of Interest

6510 Lowland hay meadows (*Alopecurus pratensis*,  
*Sanguisorba officianalis*)

### Vallée de l'Ain

FR1333

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on  
calcareous substrates (*Festuco Brometaha*) (\*impo  
9180 Tilio-Acerion ravine forests

### Vallée de l'Arn

FR0942

#### Habitats of Interest

6510 Lowland hay meadows (*Alopecurus pratensis*,  
*Sanguisorba officianalis*)  
9180 Tilio-Acerion ravine forests

### Vallée de l'Aston

FR0827

#### Habitats of Interest

7110 Active raised bogs  
9430 *Pinus uncinata* forests (\*on gypsum or limestone)  
6210 Semi-natural dry grasslands and scrubland facies on  
calcareous substrates (*Festuco Brometaha*) (\*impo

### Vallée du Dadou

FR0943

#### Habitats of Interest

9180 Tilio-Acerion ravine forests

### Vallée du Doubs du saut du Doubs à l'entrée en Suisse

FR1293

#### Species of interest

1361 *Lynx lynx*

#### Habitats of Interest

9180 Tilio-Acerion ravine forests  
6510 Lowland hay meadows (*Alopecurus pratensis*,  
*Sanguisorba officianalis*)  
6210 Semi-natural dry grasslands and scrubland facies on  
calcareous substrates (*Festuco Brometaha*) (\*impo

### Vallée du Taurion et affluents

FR1146\*

#### Species of interest

1355 *Lutra lutra*

#### Habitats of Interest

7110 Active raised bogs

### Vallon du Madaric, dôme de Biot, parc départemental de

FR1572

#### Habitats of Interest

3170 Mediterranean temporary ponds

### Vosges du Nord

FR1799

#### Species of interest

1361 *Lynx lynx*

#### Habitats of Interest

6510 Lowland hay meadows (*Alopecurus pratensis*,  
*Sanguisorba officianalis*)  
9180 Tilio-Acerion ravine forests



## GREECE

### I. INTRODUCTION

1.1 *Biogeographic regions concerned:* Mediterranean

1.2 *Executive Summary*

The national list is considered to be quite sufficient and the size of the sites proposed should in general ensure the favourable conservation status of habitats and species. Of course, this conclusion is based on only limited and incomplete available knowledge of habitats and species distribution and conservation status. This is particularly the case for underrepresented marine species and habitats.

Maintaining the conservation status of sites is directly related to the future management activities in these areas. If integrated management is not applied throughout the site, then all suggestions based on site size and overall percentages are virtually meaningless.

Proposed SCIs continue to be threatened by major public works that are conveniently justified by 'reasons of overriding public or national interest'. However no studies have been done to evaluate alternative options and no compensatory measures are proposed. Greece has proposed more than 5% of its territory for Natura 2000 sites, and there is reason to believe that proposals will be made to significantly reduce this coverage in the final selection.

### II. INFORMATION ON THE NATIONAL LIST OF PROPOSED SITES OF COMMUNITY IMPORTANCE

2.1 *Territory covered/quantity aspects*

| Coverage of Proposed Sites        |                                       |
|-----------------------------------|---------------------------------------|
| The number of sites proposed      | 264<br>(plus 4 submitted in Nov 1999) |
| Total area covered by sites       | 27,000 km <sup>2</sup>                |
| Percentage of country's territory | 18%                                   |
| % Land                            | 16%                                   |
| % Marine                          | 2%                                    |

It is apparent that the percentage of marine coverage is extremely low for a country like Greece. However we cannot propose additional sites due to insufficient knowledge available on the life cycle of marine species and on habitat distribution. This also applies to a lesser extent to terrestrial sites.

In general the surface area of sites is quite large and sufficient for the favourable conservation status of the species and habitats concerned. The average size of sites is 112.74 km<sup>2</sup>, but the site size ranges from 4 ha in the case of the Maroneia cave to 2,491.28 km<sup>2</sup> in the case of the National Marine Park of Sporades.

2.2 *Progress with the Natura 2000 process for site proposals – insufficiencies and difficulties*

The first part of the National list of proposed Sites of Community Importance was submitted in July 1996 and was completed in April 1997. The latest additions, resulting from the first Mediterranean biogeographic seminar, were sent to the Commission in November 1999. However, the following percentage of habitats and species was considered not sufficiently represented at the last biogeographic seminar:

| Biogeographic region | % of Habitats insufficiently represented | % of Species insufficiently represented |
|----------------------|------------------------------------------|-----------------------------------------|
| Mediterranean        | 40.8%                                    | 21.95%                                  |

## **GREECE**

Following recommendations from first Mediterranean biogeographical seminar, held in February 1998, the Greek Government sent in November 1999, additional sites and information. Changes proposed during the second, Sesimbra seminar held in November 1999, are still under consideration.

In terms of site designation, the main difficulty is the lack of knowledge of a significant number of habitats and species of community importance. Therefore, and particularly for certain habitats or species (eg arthropods, marine species), it is very difficult to estimate the degree of completeness of the national list and, more importantly, to propose changes. The Ministry of the Environment has initiated a project on the mapping of the habitat types in the pSCI and is awaiting the results of this project in order to address the problems identified.

Conflicts and opposition from other land users or local authorities did not pose a problem since the national list was handled centrally from the Ministry of the Environment, and elaborated on the basis of the presence of habitats and species.

### **III. INFORMATION ON CONSULTATION PROCEDURES TO ELABORATE THE LIST OF PSCI**

No consultation procedure has been carried out. The elaboration of the National list was based on a good quality scientific list, developed by the Greek Universities under the management of the National Biotope/Wetland Centre. The local authorities and land users were not informed in advance and have not been properly informed since. Last year the government organised a series of informative seminars in the different prefectures but the response of the local communities and authorities was limited.

NGOs have not really been involved in the designation procedure, although in some areas where NGOs had a long-standing presence they were asked for information and data. Nevertheless, NGOs (basically WWF Greece) have been active after the designation procedure, proposing alterations and improvements to the National List that have been accepted mainly through the biogeographical seminars.

The lack of a consultation procedure is now causing different types of problems, however. Some communities want to be part of the Natura 2000 network, regarding it as a great development opportunity rather than a source of pride in the natural value of their area. Others inside a pSCI tend to react in an extremely negative way as they believe that the Natura 2000 sites will be closed nature reserves where human activities will be either excluded or severely reduced. Finally, in other areas the local communities are completely ignorant of the whole process.

### **IV. GLOBAL EVALUATION OF THE NATIONAL LIST OF PROPOSED SCI**

With some exceptions, which are highlighted in the WWF European Shadow List, there are no important insufficiencies in the national list. This applies of course within the limitations arising from the fact that the available knowledge on habitats and species distribution and conservation status is scattered and far from complete. This is especially true for the marine species and habitats that are underrepresented. The suggestions from the ongoing habitat mapping project will be a very positive step regarding the improvement of already proposed SCI and their surrounding areas.

The size of the proposed pSCIs in general ensures the establishment of an appropriate network for habitats and species. However this relative advantage of size and coherence may be lost if the site specific management plans that will be developed adopt a model where few and isolated nature reserves will be separated by significantly larger areas where human activities will be developed without control.

### **V. CONSERVATION OF SITES IDENTIFIED AS PSCI**

It is commonplace in Greece for proposed SCIs, or sites on the WWF Shadow List, being degraded or destroyed by human activities or specific development projects. Although the designation of an area as a pSCI has in some cases been used by the Ministry of the Environment as a safeguard against regional or

## GREECE

local development plans that cannot be controlled otherwise, quite a few other sites are being destroyed or degraded by usually larger development projects. The justification for such developments either completely ignores the damaging effects of these plans or refers to ‘overriding public interest’. It is interesting to note that in some cases, such as drainage works in the Lake Vistonida, projects are being funded by the EU Structural Funds.

*Report compiled by: Panagiota Maragou, WWF-Greece*

*Comments provided by: Theodota Nantsou, Aristotelis Papageorgiou, Demetres Karavellas*

*Date: 19 May 2000*

## GREECE

### Greece

#### Evros Delta

##### GR002

##### Species of interest

|      |                       |
|------|-----------------------|
| 1355 | <i>Lutra lutra</i>    |
| 1219 | <i>Testudo graeca</i> |

##### Habitats of Interest

|      |                                                                                     |
|------|-------------------------------------------------------------------------------------|
| 3170 | Mediterranean temporary ponds                                                       |
| 92D0 | Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian |

#### KYTHIRA isl

##### GR003

##### Species of interest

|      |                          |
|------|--------------------------|
| 1366 | <i>Monachus monachus</i> |
|------|--------------------------|

##### Habitats of Interest

|      |                                                                                                                  |
|------|------------------------------------------------------------------------------------------------------------------|
| 3170 | Mediterranean temporary ponds                                                                                    |
| 1130 | Estuaries                                                                                                        |
| 1160 | Large shallow inlets and bays                                                                                    |
| 1170 | Reefs                                                                                                            |
| 3290 | Intermittently flowing Mediterranean rivers                                                                      |
| 9540 | Mediterranean pine forests with endemic Mesogean pines, including <i>Pinus mugo</i> and <i>Pinus leucodermis</i> |
| 92D0 | Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian                              |

#### Nea Fokea marshes

##### GR005

##### Species of interest

|      |                       |
|------|-----------------------|
| 1219 | <i>Testudo graeca</i> |
|------|-----------------------|

##### Habitats of Interest

|      |                                                                                     |
|------|-------------------------------------------------------------------------------------|
| 92D0 | Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian |
|------|-------------------------------------------------------------------------------------|

#### Parnonas Mt

##### GR004

#### Schinias

##### GR001

##### Habitats of Interest

|      |                                                                                                                  |
|------|------------------------------------------------------------------------------------------------------------------|
| 2270 | Wooded dunes with <i>Pinus pinea</i> and/or <i>Pinus</i>                                                         |
| 92D0 | Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian                              |
| 9540 | Mediterranean pine forests with endemic Mesogean pines, including <i>Pinus mugo</i> and <i>Pinus leucodermis</i> |
| 1120 | <i>Posidonia</i> beds                                                                                            |
| 3170 | Mediterranean temporary ponds                                                                                    |

## IRELAND

### I. INTRODUCTION

1.1 *Biogeographic regions concerned:* Atlantic

1.2 *Executive Summary*

The level of insufficiencies in Ireland is very high with 95% of habitats insufficiently represented and 96% of species. Key gaps exist for harbour porpoise, bottle nose dolphin, Atlantic salmon and otter. Inadequate attention has been given to the coherence of sites, an issue that is being followed up by NGOs. There are also suggestions that Annex II species that are not considered to be threatened in Ireland are not being offered a high level of protection. This approach is being challenged by NGOs.

A key issue has been the lack of information regarding those sites that have already been designated as pSCIs. Better exchange of information is being promoted NGOs who have organised meetings with the Government and started a dialogue.

### II. INFORMATION ON THE NATIONAL LIST OF PROPOSED SITES OF COMMUNITY IMPORTANCE

2.1 *Territory covered and quantity aspects*

| Coverage of Proposed Sites        |     |
|-----------------------------------|-----|
| The number of sites proposed      | 260 |
| Total area covered by sites       |     |
| Percentage of country's territory |     |
| % Land                            |     |
| % Marine                          |     |

Approximately 370 sites are currently being proposed by Dúchas for the Irish list of pSCIs. 290 have been advertised in Ireland as potential pSCIs and of this, a list of 260 have been submitted to the European Topic Centre for Nature Conservation as pSCIs.

2.2 *Progress with the Natura 2000 process for site proposals – insufficiencies and difficulties*

The Government has submitted to the Commission a list of proposed Sites of Community Importance (pSCIs). However, the following percentage of habitats and species was considered not sufficiently represented at the last biogeographic seminar:

| Biogeographic region | % of Habitats insufficiently represented | % of Species insufficiently represented |
|----------------------|------------------------------------------|-----------------------------------------|
| Atlantic             | 95%                                      | 96%                                     |

### III. INFORMATION ON CONSULTATION PROCEDURES TO ELABORATE THE LIST OF PSCI

There has been some dialogue between a group of NGOs and the Dúchas. A key issue for the NGO's was the lack of information regarding those sites that had already been put forward as pSCIs by Dúchas and submitted to the Nature Topic Centre (NTC). A meeting was therefore organised with Dúchas to establish liaison with the NGOs. Subsequent meetings with Dúchas researchers has resulted in an up to date list of proposed SCIs being provided by Dúchas .

## IRELAND

### IV. GLOBAL EVALUATION OF THE NATIONAL LIST OF PROPOSED SCI

While the NGOs welcomed the gradual increase in the numbers of pSCIs, the following issues cause concern:

- no sites have been designated for the harbour porpoise or the Atlantic salmon;
- only one site, the Shannon Estuary, have been designated for the bottlenose dolphin (1349); and
- other species such as the freshwater crayfish are receiving insufficient attention due to the perception that they were more abundant than had been previously assumed.

In relation to the lack of designations for the harbour porpoise (1351) and the bottlenose dolphin (1349), Dúchas has indicated that as these species ranged over large marine areas, it was difficult to assess specific residency in any precise location. As a result, the designation of pSCIs for marine species is problematic.

While a relatively long list of sites is currently being considered by Dúchas as pSCIs for the protection of the otter (1355), the criteria employed for designating these sites is considered far too limiting. For those pSCIs where otter designation is being considered, only lake or coastal sites in excess of 5,000 ha in area, or rivers in excess of 25km were considered by Dúchas for designation. This approach appears to exclude other important sites for this species, excluded simply on the basis of size criteria. It should also be recalled that under Article 10 of the Habitats Directive, Member States are required to protect areas of 'corridors' or 'stepping stones' used by protected species. Inquiries into the validity of this approach in relation to the otter and the marine species have been initiated.

In relation to the freshwater crayfish (1092), it was felt that the distribution of sites designated did not reflect the true distribution of the species in the country. In addition, far fewer sites are under consideration than would be assumed given the comparatively good levels of populations of crayfish throughout Ireland. The freshwater crayfish is seriously threatened in continental Europe as a result of poor water quality and competition from introduced species. In comparison, the wild Irish crayfish populations are relatively healthy and intact. The NGOs do not accept an approach that suggests that if an Annex II species is not considered to be threatened in Ireland, it does not require a high level of protection. Further research has been instigated to expand upon those sites under consideration by Dúchas .

***Report compiled by: Rosaleen Dwyer, Irish Peatland Conservation Council***

***Date: 2nd June 2000***

## IRELAND

### Ireland

#### Abbert River

IE999001

#### Species of interest

1355 Lutra lutra

#### Adare Woodlands / Curraghchase

IE500174

#### Habitats of Interest

7120 Degraded raised bogs (still capable of regeneration)

#### Aghnamona Bog

IE800422

#### Habitats of Interest

7110 Active raised bogs

#### Anglihan and Menlough Quarries

IE801316

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

#### Annacarty Wetlands

IE600639

#### Habitats of Interest

7120 Degraded raised bogs (still capable of regeneration)

#### Annaghmore Lough

IE801626

#### Ardgraique Bog

IE801224

#### Habitats of Interest

7110 Active raised bogs

#### Ardkill Bog

IE301388

#### Habitats of Interest

7110 Active raised bogs

#### Ardmore Point Grassland

IE801126

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

#### Ardristan Fen

IE600788

#### Habitats of Interest

7120 Degraded raised bogs (still capable of regeneration)

#### Arklow Dunes

IE301746

#### Species of interest

1355 Lutra lutra

#### Arraghmore Bog

IE500640

#### Habitats of Interest

7110 Active raised bogs

#### Aughnaglanny Valley

IE500948

#### Species of interest

1355 Lutra lutra

#### Aughrusbeg Machair & Lough

IE801228

#### Habitats of Interest

21A0 Machairs (\* in machairs in Ireland)  
1150 Lagoons

#### Baldoyle Estuary - Portmarnock Dunes

IE200199

## IRELAND

### Ballindoooley Hill

IE999002

### Ballinvirick

IE501427

#### Habitats of Interest

- 6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo
- 7120 Degraded raised bogs (still capable of regeneration)

### Ballyallia Lake

IE500014

#### Habitats of Interest

- 7120 Degraded raised bogs (still capable of regeneration)

### Ballycullinan Lake

IE500016

#### Habitats of Interest

- 7120 Degraded raised bogs (still capable of regeneration)

### Ballymacoda (Clonpriest & Pilmore)

IE700077

### Ballymorrisheen

IE501425

#### Habitats of Interest

- 7120 Degraded raised bogs (still capable of regeneration)

### Ballynagarbry

IE401713

#### Habitats of Interest

- 6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

### Ballynamona Bog

IE800590

#### Habitats of Interest

- 7110 Active raised bogs

### Ballyogan Lough

IE500019

#### Habitats of Interest

- 7120 Degraded raised bogs (still capable of regeneration)

### Ballyvergan Marsh

IE700078

#### Habitats of Interest

- 7120 Degraded raised bogs (still capable of regeneration)

### Bandon Valley above Innishannon

IE701740

#### Species of interest

1355 Lutra lutra

### Bangor-Erris Bog

IE801473

### Bellacorick Bog Complex

IE801922

### Bellacorrick Iron Flush

IE800466

#### Habitats of Interest

- 7120 Degraded raised bogs (still capable of regeneration)

### Ben Bulbin, Gleniff and Glenade Complex

IE100623

### Bertragh (Bartraw)

IE801482

#### Habitats of Interest

- 7120 Degraded raised bogs (still capable of regeneration)
- 21A0 Machairs (\* in machairs in Ireland)

## IRELAND

### Birra Lough

IE100138

#### Species of interest

1355 Lutra lutra

#### Habitats of Interest

1150 Lagoons  
7120 Degraded raised bogs (still capable of regeneration)

### Black River

IE999003

#### Species of interest

1355 Lutra lutra

### Blackcastle Bog

IE400570

#### Habitats of Interest

7110 Active raised bogs

### Blackwater River Callows

IE600073

#### Habitats of Interest

7120 Degraded raised bogs (still capable of regeneration)

### Blackwater Valley, Castlehyde Estate

IE999004

#### Species of interest

1355 Lutra lutra

### Blasket Islands - Marine Area

IE702172

#### Species of interest

1351 Phocoena phocoena

### Boley

IE600699

#### Habitats of Interest

7120 Degraded raised bogs (still capable of regeneration)

### Bracklagh Bog

IE800235

#### Habitats of Interest

7110 Active raised bogs

### Brierfield Turlough

IE800594

### Brittas Headwaters and Lisheens Stream

IE302134

### Brockagh

IE301949

### Brosna Callows / Little Brosna River

IE400564

#### Habitats of Interest

7120 Degraded raised bogs (still capable of regeneration)

### Brown Bog

IE400442

#### Habitats of Interest

7110 Active raised bogs

### Bunbrosna Fen

IE400688

#### Habitats of Interest

7120 Degraded raised bogs (still capable of regeneration)

### Burtonport

IE999005

#### Species of interest

1355 Lutra lutra

### Cabragh Wetlands

IE501934

#### Habitats of Interest

7120 Degraded raised bogs (still capable of regeneration)

## IRELAND

### Cahir Park

IE600947

### Cahore Dunes & Polder

IE600700

#### Species of interest

1355 Lutra lutra

#### Habitats of Interest

1150 Lagoons

### Callow Bog Complex

IE800587

#### Habitats of Interest

7110 Active raised bogs

### Camderry / Boggauns

IE800240

#### Habitats of Interest

7110 Active raised bogs

### Cappagh

IE501429

#### Habitats of Interest

7120 Degraded raised bogs (still capable of regeneration)

### Carlingford Mountain

IE100453

### Carna Heath

IE801241

### Carnamissoge (Kilmore Bay, Lough Ree)

IE800440

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

### Carrick Hill

IE302115

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

### Carricknahorna Lough

IE102068

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

### Clareen Lough

IE500929

#### Habitats of Interest

7120 Degraded raised bogs (still capable of regeneration)

### Clarínbridge

IE999006

#### Species of interest

1355 Lutra lutra

### Clodiagh and Tar Rivers (Suir Catchment)

IE999007

### Cloghmoyle

IE801483

#### Habitats of Interest

21A0 Machairs (\* in machairs in Ireland)

### Cloghoge

IE301951

### Clonaslee Esker and Derry Bog

IE400859

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

## IRELAND

### Clonfinane

IE500641

### Cloonagh Lough

IE801485

#### Species of interest

1355 Lutra lutra

### Cloonascragh Bog

IE801247

#### Habitats of Interest

7120 Degraded raised bogs (still capable of regeneration)

### Clooncraff / Cloonlarge

IE800599

#### Habitats of Interest

7110 Active raised bogs

### Clooncullaun Bog

IE800245

#### Habitats of Interest

7110 Active raised bogs

### Clorhane Wood

IE400894

### Clyard Kettleholes

IE800480

#### Habitats of Interest

7120 Degraded raised bogs (still capable of regeneration)

### Cong Bay

IE999008

#### Species of interest

1355 Lutra lutra

### Connemara Bog Complex

IE802034

### Coolbarren Lough

IE800481

#### Species of interest

1355 Lutra lutra

### Coolrain

IE400415

#### Habitats of Interest

7110 Active raised bogs

### Corbo Bog

IE800062

#### Habitats of Interest

7110 Active raised bogs

### Corhawnagh Lough

IE101902

#### Habitats of Interest

7120 Degraded raised bogs (still capable of regeneration)

### Coronation Plantation

IE300726

### Corratirrim

IE999009

### Corveen

IE101108

### Courtown Dunes and Glen

IE600757

## IRELAND

### **Cranberry Lough / Cloonboley Bog**

**IE801630**

#### **Habitats of Interest**

7120 Degraded raised bogs (still capable of regeneration)

### **Cregduff Lough**

**IE801251**

#### **Habitats of Interest**

7120 Degraded raised bogs (still capable of regeneration)

### **Crewbane Marsh**

**IE300553**

#### **Species of interest**

1355 Lutra lutra

### **Cronaguiggy (Meenacorwick)**

**IE101176**

### **Crosswood Bog**

**IE400678**

#### **Habitats of Interest**

7110 Active raised bogs

### **Cruit Island**

**IE999010**

#### **Species of interest**

1355 Lutra lutra

### **Cultiafada west of Glenamaddy**

**IE999011**

#### **Habitats of Interest**

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

### **Curraclloe Dunes, Raven & Ballinaclash**

**IE600712**

#### **Species of interest**

1355 Lutra lutra

### **Curragh lehanagh**

**IE800256**

#### **Habitats of Interest**

7110 Active raised bogs

### **Dambaduff Lough, Westport**

**IE801491**

#### **Species of interest**

1355 Lutra lutra

### **Deel River**

**IE999012**

### **Dereen Upper**

**IE701887**

### **Derry River**

**IE999013**

#### **Species of interest**

1355 Lutra lutra

### **Derrycanan Bog**

**IE800605**

#### **Habitats of Interest**

7110 Active raised bogs

### **Derrygeeha Lough**

**IE500050**

#### **Species of interest**

1355 Lutra lutra

### **Derrygolan Esker**

**IE400896**

#### **Habitats of Interest**

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

## IRELAND

### Derryvilla

IE400898

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

### Doogort

IE801497

#### Species of interest

1355 Lutra lutra

### Doughiska

IE999014

### Drish River

IE999015

### Drumakeenan, Eagle Hill and Perry's Mill

IE400900

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

### Drumbawn (Carrigower)

IE300716

#### Habitats of Interest

7120 Degraded raised bogs (still capable of regeneration)

### Dublin and Killiney Bays

IEMO001

#### Species of interest

1351 Phocoena phocoena

### Dunlavin Marshes

IE301772

#### Habitats of Interest

7120 Degraded raised bogs (still capable of regeneration)

### Dursey - Marine area

IE700086

#### Species of interest

1351 Phocoena phocoena

### Easky River

IE101665

### Erkina River

IE999016

### Erne Estuary & Finner Dunes

IE100139

#### Habitats of Interest

21A0 Machairs (\* in machairs in Ireland)

### Ferbane

IE400575

### Fiagh Bog

IE500932

#### Habitats of Interest

7120 Degraded raised bogs (still capable of regeneration)

### Fiddane Cottage

IE999017

### Fiddown Island

IE600402

#### Habitats of Interest

7120 Degraded raised bogs (still capable of regeneration)

### Fisherstreet Pavement

IE501011

## IRELAND

### Galmoy Fen

IE601858

#### Habitats of Interest

7120 Degraded raised bogs (still capable of regeneration)

### Galway Bay - Marine Area

IE800268

#### Species of interest

1351 *Phocoena phocoena*

### Galwolie

IE101132

### Gannevegil Bog

IE100142

#### Species of interest

1355 *Lutra lutra*

### Garrycloonagh

IE101505

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (*Festuco Brometaha*) (\*impo

### Garryland Wood

IE800252

### Garrylucas Marsh

IE700087

#### Habitats of Interest

7120 Degraded raised bogs (still capable of regeneration)

### Glenealo Catchment

IE300728

#### Species of interest

1355 *Lutra lutra*

### Gorteennamrock

IE501433

#### Habitats of Interest

7120 Degraded raised bogs (still capable of regeneration)

### Grand Canal

IE999018

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (*Festuco Brometaha*) (\*impo

### Grange East

IE999019

### Grange River

IE999020

#### Species of interest

1355 *Lutra lutra*

### Hill of Mael and Rock of Curry

IE400681

### Hill south of Coteenty

IE999021

### Holdenstown

IE301757

#### Habitats of Interest

7120 Degraded raised bogs (still capable of regeneration)

### Hugginstown

IE600404

#### Habitats of Interest

7120 Degraded raised bogs (still capable of regeneration)

### Inishbofin

IE800278

#### Habitats of Interest

1150 Lagoons

## IRELAND

### Keem

IE999022

#### Species of interest

1355 Lutra lutra

### Kelleher's Wood

IE700365

### Kilballyskea

IE400578

### Kilcarren

IE500647

### Kilcolman Bog

IE700092

#### Habitats of Interest

7120 Degraded raised bogs (still capable of regeneration)

### Kilkee

IE999023

#### Species of interest

1355 Lutra lutra

### Killaun Bog

IE999026

#### Species of interest

1065 Euphydryas aurinia

#### Habitats of Interest

7120 Degraded raised bogs (still capable of regeneration)

### Killimor Bog Woodland

IE999027

### Killough Hill

IE999028

### Kilmore Bog

IE800283

#### Habitats of Interest

7110 Active raised bogs

### Kilnaboris Bog

IE800284

#### Habitats of Interest

7110 Active raised bogs

### Kings River

IE999029

### Knock Lake, Balrothery

IE201203

#### Species of interest

1355 Lutra lutra

### Knockacolla Bog

IE400419

#### Habitats of Interest

7110 Active raised bogs

### Knockmaa Hill

IE801288

### Knocknanool Esker

IE999030

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

### Knocknarea Mountain and Glen

IE101670

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

### Laffansbridge

## IRELAND

**IE600965**

### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

**Lahinch**

**IE999031**

**Lamb's Head**

**IE701346**

**Laurclavagh**

**IE999032**

**Liffey Bank above Athgarvan**

**IE301396**

### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

**Lisbigney Bog**

**IE400869**

### Habitats of Interest

7120 Degraded raised bogs (still capable of regeneration)

**Liskeenan Fen (Turlough)**

**IE501683**

### Habitats of Interest

7120 Degraded raised bogs (still capable of regeneration)

**Lismore Callows**

**IE600667**

### Habitats of Interest

7120 Degraded raised bogs (still capable of regeneration)

**Lough Slawn**

**IE401443**

### Habitats of Interest

7120 Degraded raised bogs (still capable of regeneration)

**Lough Arrow**

**IE801673**

### Species of interest

1355 Lutra lutra

**Lough Boderg**

**IE800608**

### Species of interest

1355 Lutra lutra

**Lough Corrib**

**IE800297**

### Species of interest

1106 Salmo salar

**Lough Coura**

**IE400909**

### Habitats of Interest

7120 Degraded raised bogs (still capable of regeneration)

**Lough Cutra**

**IE800299**

### Habitats of Interest

7120 Degraded raised bogs (still capable of regeneration)

**Lough Dargan**

**IE101906**

### Species of interest

1355 Lutra lutra

**Lough Derg**

**IE802241**

### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

## IRELAND

### Lough Derravaragh

IE400684

#### Species of interest

1355 Lutra lutra

#### Habitats of Interest

7120 Degraded raised bogs (still capable of regeneration)

### Lough Doo

IE301810

#### Habitats of Interest

7120 Degraded raised bogs (still capable of regeneration)

### Lough Eske

IE100163

### Lough Fea Demesne

IE100560

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

### Lough Gara

IE999033

#### Habitats of Interest

7120 Degraded raised bogs (still capable of regeneration)

### Lough Glore

IE800686

#### Species of interest

1355 Lutra lutra

### Lough Gur

IE500437

#### Habitats of Interest

7120 Degraded raised bogs (still capable of regeneration)

### Lough Iron - Glen Lough Complex

IE400687

#### Habitats of Interest

7120 Degraded raised bogs (still capable of regeneration)

### Lough Kinale & Derragh Lough

IE100985

#### Habitats of Interest

7120 Degraded raised bogs (still capable of regeneration)

### Lough na Leibe

IE999034

### Lough Naglack

IE100561

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

### Lough Namucka Bog

IE800220

#### Habitats of Interest

7110 Active raised bogs

### Lough Shesk (Connell's Lough)

IE300556

#### Habitats of Interest

7120 Degraded raised bogs (still capable of regeneration)

### Lough Talt

IE101676

### Lough Yganavan & Lough Nambrackdarrig

IE700370

### Loughanilloon Bog

IE501020

#### Species of interest

1355 Lutra lutra

## IRELAND

### Loughs Feeagh and Furnace

**IE999035**      **Species of interest**  
1355      Lutra lutra

### Louisa Bridge Marsh

**IE302103**

#### Habitats of Interest

7120      Degraded raised bogs (still capable of regeneration)

### Lullymore West

**IE999036**      **Species of interest**  
1065      Euphydryas aurinia

### Macmine Marshes

**IE600781**

#### Habitats of Interest

7120      Degraded raised bogs (still capable of regeneration)

### Mannin and Island Lakes

**IE801910**      **Species of interest**  
1355      Lutra lutra

### Milltown Malbay

**IE999037**

### Moanveanlagh Bog

**IE700374**

#### Habitats of Interest

7110      Active raised bogs

### Mocorrha Lough

**IE801536**

#### Habitats of Interest

7120      Degraded raised bogs (still capable of regeneration)

### Monaincha

**IE400652**

### Moneypark, Fethard

**IE600966**

#### Habitats of Interest

6210      Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

### Monivea Bog

**IE800311**

#### Habitats of Interest

7110      Active raised bogs

### Monmore/Tullaheer Lough

**IE500070**

#### Habitats of Interest

7120      Degraded raised bogs (still capable of regeneration)

7110      Active raised bogs

### Moorfield Bog

**IE800221**

#### Habitats of Interest

7110      Active raised bogs

### Mouds Bog

**IE300395**

#### Habitats of Interest

7110      Active raised bogs

### Mount Leinster & Blackstairs Mountains

**IE600770**

### Mountain and Ballymurphy Rivers (Barrow Catchment)

**IE999038**

## IRELAND

### Moy Valley

IE802078

#### Species of interest

1355 Lutra lutra

### Mullaghcleevaun

IE301896

### Mweenish Island Machair

IE801306

#### Habitats of Interest

1150 Lagoons  
21A0 Machairs (\* in machairs in Ireland)

### North Connemara - Marine area

IEMO003

### Old Head of Kinsale - Marine

IEMO002

#### Species of interest

1351 Phocoena phocoena

### Philipston Marsh

IE601847

#### Habitats of Interest

7120 Degraded raised bogs (still capable of regeneration)

### Pollatomish Bog

IE801548

### Portacloy

IE800537

#### Species of interest

1355 Lutra lutra

### Quarryford Bridge

IE601526

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

### Rath River

IE999039

### Ridge of Portlaoise

IE400876

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

### River Aherlow

IE502133

#### Species of interest

1106 Salmo salar

### River Blackwater

IE602170

#### Species of interest

1106 Salmo salar

### River Boyne

IE999040

#### Species of interest

1106 Salmo salar

### River Bride

IE999041

#### Species of interest

1106 Salmo salar

### River Brown Flesk

IE999042

#### Species of interest

1106 Salmo salar

## IRELAND

### River Clare

IE999044

#### Species of interest

1355 Lutra lutra

### River Corrib

IE999045

#### Species of interest

1106 Salmo salar

### River Dargle

IE999046

#### Species of interest

1106 Salmo salar

### River Feale

IE999047

#### Species of interest

1106 Salmo salar

### River Fergus

IE999048

#### Species of interest

1106 Salmo salar

### River Finn

IE999049

#### Species of interest

1106 Salmo salar

### River Goul

IE999050

### River Lee

IE999051

#### Species of interest

1106 Salmo salar

### River Maigne

IE999052

### River Maine

IE999053

#### Species of interest

1106 Salmo salar

### River Moy and Tributaries

IE999054

#### Species of interest

1106 Salmo salar

### River Nore

IE402162

#### Species of interest

1106 Salmo salar

### River Nore (Abbeyleix Woods complex)

IE402076

### River Nore (Water Castle to Attanagh Bridge)

IE999055

### River Owenea

IE999056

### River Shannon Callows

IE800216

#### Habitats of Interest

7120 Degraded raised bogs (still capable of regeneration)  
6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

## IRELAND

### River Slaney

IE999057

#### Species of interest

1106 Salmo salar

### River Swilly

IE999058

#### Species of interest

1106 Salmo salar

### River Vartry

IE999059

#### Species of interest

1106 Salmo salar

### Roaring Water Bay (Outer)

IE700101

#### Species of interest

1351 Phocoena phocoena

### Rock Farm Quarry, Little Island

IE701074

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

### Ross Lake and Woods

IE801321

#### Species of interest

1355 Lutra lutra

### Royal Canal

IE999060

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

### Scohaboy Bog

IE500937

#### Habitats of Interest

7110 Active raised bogs

### Screen Hills/ Doo Lough Kettlholes

IE600708

#### Habitats of Interest

7120 Degraded raised bogs (still capable of regeneration)

### Shannon Callows (Offaly)

IE400216

#### Habitats of Interest

7120 Degraded raised bogs (still capable of regeneration)

### Sharavogue

IE400585

### Sheemore Wood

IE101421

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

### Sheeps Head

IE999061

#### Species of interest

1355 Lutra lutra

### Sillahertane Bog

IE701882

### Smerwick Harbour, Sandhills & Marshes

IE701958

#### Species of interest

1355 Lutra lutra

#### Habitats of Interest

1150 Lagoons

## IRELAND

### Solloghedbeg Quarry

IE600973

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

### Suck River Callows (Shannonbridge - Athleague)

IE800222

#### Habitats of Interest

7120 Degraded raised bogs (still capable of regeneration)

### Summerville Lough, west of Moylough

IE801319

#### Species of interest

1355 Lutra lutra

### Templehouse and Cloonacleigha Loughs

IE100636

#### Species of interest

1355 Lutra lutra

### Templetney Quarry

IE601982

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

### The Curragh

IE400420

#### Habitats of Interest

7120 Degraded raised bogs (still capable of regeneration)

### Toberroe State Forest

IE999062

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

### Tomnafinnoge Wood

IE301852

#### Species of interest

1355 Lutra lutra

### Towerhill Cottage

IE999063

### Tullaghan Bay

IE801567

#### Habitats of Interest

21A0 Machairs (\* in machairs in Ireland)

### Tullahan Rock Bog

IE802013

#### Habitats of Interest

7110 Active raised bogs

### Turloughgarve

IE999064

### Ventry

IE701384

#### Habitats of Interest

1150 Lagoons

### Waterstown Lake

IE401732

#### Habitats of Interest

7120 Degraded raised bogs (still capable of regeneration)

### Westport Bay

IE999065

#### Species of interest

1355 Lutra lutra

## IRELAND

### Whigsborough and Coologe

IE400926

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

### Woodfield Bog

IE400586

#### Habitats of Interest

7110 Active raised bogs



# ITALY

## I. INTRODUCTION

1.1 *Biogeographic regions concerned:* Alpine, Continental, Mediterranean

1.2 *Executive Summary*

The Habitats Directive was transposed into national legislation by Law n° 357 (8.9.1997). The list of pSCIs (and SPAs) was recently published in a public act (G.U. n° 95, 22.4.2000). According to the Natura 2000 April newsletter, Italy put forward 2.507 proposed SCIs, covering 49.364 ha. this is equivalent to 16.4% of the national territory.

A first assessment of the pSCI distribution shows gaps in terms of marine and coastal habitats and in some geographic areas such as the *Apulia* region and *Bolzano* Province.

## II. INFORMATION ON THE NATIONAL LIST OF PROPOSED SITES OF COMMUNITY IMPORTANCE

2.1 *Territory Covered and quantity aspects*

| Coverage of Proposed Sites        |                                    |
|-----------------------------------|------------------------------------|
| The number of sites proposed      | 2,507                              |
| Total area covered by sites       | 49,364 km <sup>2</sup>             |
| Percentage of country's territory |                                    |
| % Land                            | 16.4%                              |
| % Marine                          | not quantifiable and not available |

In terms of marine sites, the proposed area is globally insufficient. Analysing biodiversity and habitats along the Italian coasts, WWF-Italy has identified, with the collaboration of oceanographic experts, 111 potential new marine sites with a total surface of 9,950 Km<sup>2</sup>.

For terrestrial habitats and species, the proposed coverage of sites is generally considered sufficient. However, WWF-Italy is of the opinion that the high fragmentation level of the pSCIs produces a serious risk for the distribution of species and habitats, particularly in the absence of corridors. To reduce this risk, WWF-Italy suggests creating a buffer zone of 2 km around all pSCIs. Applying this method, the general result would be to reduce the total number of the pSCIs from 2507 to 791 and to increase the total protected area from 16.4% to 38.3% of the total land area.

2.2 *Progress with the Natura 2000 process for site proposals – insufficiencies and difficulties*

The Government submitted a list of proposed Sites of Community Importance (pSCIs) to the Commission. The official list of pSCIs and SPAs was recently published in the Italian Official Gazette (public act n° 95-22.04.2000). However, the following percentage of habitats and species was considered not sufficiently represented at the last round of biogeographic seminars:

| Biogeographic region | % of Habitats insufficiently represented | % of Species insufficiently represented |
|----------------------|------------------------------------------|-----------------------------------------|
| Alpine               | not available                            | not available                           |
| Continental          | 40%                                      | 58%                                     |
| Mediterranean        | not available                            | not available                           |

The Ministry of the Environment is working to correct the insufficiencies by proposing more sites, but they have not yet completed this task. There are some serious political conflicts between regional and

## ITALY

central authorities concerning (i) the administrative procedures to define the designation of the pSCI borders (bureaucratic role) and (ii) the level of protection for the pSCIs which are located outside already protected areas.

### III. INFORMATION ON CONSULTATION PROCEDURES TO ELABORATE THE LIST OF PSCI

During the implementation of an old LIFE-Nature project (“BioItaly” project, starting in 1995), the Ministry of the Environment consulted all regional authorities, asking them to identify pSCIs. However, only two regions (Sardinia and Campania) organised meetings with all societal actors, including NGOs. NGOs were also not involved in the designation procedure at official level. However, during the initial phase to identify the pSCIs at national level, the role of the NGO’s experts was very significant.

The consultations had no impact during the listing phase. However, in some cases, where pSCIs have involved LIFE-Nature projects, the conflict among landowners, public authorities and NGOs emerged strongly. In some cases, the borders of the pSCI have been modified by the development of single LIFE-Nature projects (e.g. “Steppe” project by WWF-Italy) but in other cases field projects were blocked by landowners (e.g. “Lagusello” project).

### IV. GLOBAL EVALUATION OF THE NATIONAL LIST OF PROPOSED SCI

The main gap in the list is the total insufficiency of marine and coastal sites. Another deficiency is poor representation of the endemic invertebrate species.

The list of pSCIs is also poor in terms of the level of coherence needed to secure adequate protection for the large carnivores (brown bear, wolf and lynx) and other important predators (marine turtle, bottle-nose dolphin). These species are only likely to be safeguarded only if the large number of small pSCIs are aggregated.

### V. CONSERVATION OF SITES IDENTIFIED AS PSCI

The important natural area, known as *Val d’Agri*, covering several pSCIs in Southern Italy, risks being destroyed by oil extraction activity. The same applies to two other important pSCIs in Northern Italy (*Curone valley* IT2030006 and *Ticino valley* IT1150001, sites of two ongoing LIFE-Nature projects). In central Italy, another LIFE-Nature project (*San Vittorino spring* IT6020012) has been blocked because an intensive fish-farm is being built on the area.

***Report compiled by: Fulvio Cerfolli, WWF-Italy***

***Date: 22nd May 2000***

## ITALY

### Italy

IT0035

**Habitats of Interest**

9999 Not Specified

AGLIENTU

IT0113

**Habitats of Interest**

9999 Not Specified

ALGHERO

IT0093

**Habitats of Interest**

9999 Not Specified

Alliste

IT0061

**Habitats of Interest**

9999 Not Specified

Alneto Rocchetta Tanaro

IT0173

**Habitats of Interest**

9999 Not Specified

Alpe di Siusi

IT0204

**Habitats of Interest**

9999 Not Specified

Angera (VA)

IT0187

**Species of interest**

1065 Euphydryas aurinia

ARBUS

IT0050

**Habitats of Interest**

9999 Not Specified

ARZACHENA

IT0111

**Habitats of Interest**

9999 Not Specified

ASINARA

IT0109

**Habitats of Interest**

9999 Not Specified

Basovizza (TS)

IT0182

**Species of interest**

1065 Euphydryas aurinia

Bassa Val Chiavenna

IT0203

**Habitats of Interest**

9999 Not Specified

Bernina e Val Codera

IT0202

**Habitats of Interest**

9999 Not Specified

BOCCHIE DI BONIFACIO

IT0117

**Habitats of Interest**

9999 Not Specified

Bolognola, M. Sibillini (MC)

IT0153

**Species of interest**

1065 Euphydryas aurinia

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### Bosco della Signora (NO)

IT0196

#### Habitats of Interest

9999 Not Specified

### Bosco delle Sorti

IT0171

#### Habitats of Interest

9999 Not Specified

### Bosco delle Vallorie (AL)

IT0170

#### Habitats of Interest

9999 Not Specified

### Bosco Tenso (Verbania)

IT0193

#### Habitats of Interest

9999 Not Specified

### Bosco Volavilla (Torino)

IT0175

#### Habitats of Interest

9999 Not Specified

### Bric Zerbino (AL)

IT0168

#### Habitats of Interest

9999 Not Specified

### Brindisi

IT0095

#### Habitats of Interest

9999 Not Specified

### BUGGERRU - IGLESIAS

IT0048

#### Habitats of Interest

9999 Not Specified

### CABRAS

IT0057

#### Habitats of Interest

9999 Not Specified

### Camerota Sud- est

IT0063

#### Habitats of Interest

9999 Not Specified

### Camosciara

IT0119

#### Species of interest

1902 Cypripedium calceolus

### Campo di Giove (AQ)

IT0123

#### Species of interest

1065 Euphydryas aurinia

### CAPRERA

IT0116

#### Habitats of Interest

9999 Not Specified

### CARLOFORTE OVEST

IT0044

#### Habitats of Interest

9999 Not Specified

### CARLOFORTE SUD

IT0041

#### Habitats of Interest

9999 Not Specified

### Caronia

IT0021

#### Habitats of Interest

9999 Not Specified

## ITALY

**Castellabate**

**IT0078**

**Habitats of Interest**

9999 Not Specified

**Cereta Monsoffietto (TO)**

**IT0181**

**Habitats of Interest**

9999 Not Specified

**Colli San Michele e San Colombano (Novara)**

**IT0185**

**Habitats of Interest**

9999 Not Specified

**Comune Fontanetto e Crescentino**

**IT0177**

**Habitats of Interest**

9999 Not Specified

**COSTA ORIENTALE**

**IT0080**

**Habitats of Interest**

9999 Not Specified

**COSTA SUD ORIENTALE**

**IT0046**

**Habitats of Interest**

9999 Not Specified

**Da Ascea a Pisciotta**

**IT0071**

**Habitats of Interest**

9999 Not Specified

**Da Bagheria a Castellammare del golfo**

**IT0025**

**Habitats of Interest**

9999 Not Specified

**Da Barcellona P.G. a Patti**

**IT0023**

**Habitats of Interest**

9999 Not Specified

**Da Bernalda a Roseto Spulico**

**IT0076**

**Habitats of Interest**

9999 Not Specified

**Da Bovalino a Palizzi**

**IT0017**

**Habitats of Interest**

9999 Not Specified

**Da Brolo a San Fratello**

**IT0022**

**Habitats of Interest**

9999 Not Specified

**Da Castel Volturno a Bacoli**

**IT0100**

**Habitats of Interest**

9999 Not Specified

**da Catania a Siracusa**

**IT0011**

**Habitats of Interest**

9999 Not Specified

**Da Caulonia a Ruccella Ionica**

**IT0028**

**Habitats of Interest**

9999 Not Specified

**Da Centola a Camerota**

**IT0064**

**Habitats of Interest**

9999 Not Specified

## ITALY

**Da Crosia a Crotone**

**IT0049**

**Habitats of Interest**

9999 Not Specified

**Da Crotone a Soverato**

**IT0040**

**Habitats of Interest**

9999 Not Specified

**Da Davoli a S. Caterina**

**IT0031**

**Habitats of Interest**

9999 Not Specified

**Da Finale Ligure a fine confine**

**IT0161**

**Habitats of Interest**

9999 Not Specified

**Da Genova a Finale Ligure**

**IT0165**

**Habitats of Interest**

9999 Not Specified

**Da Guardavalle a Stignano**

**IT0029**

**Habitats of Interest**

9999 Not Specified

**Da Maiori a Eboli**

**IT0090**

**Habitats of Interest**

9999 Not Specified

**Da Maratea a Fuscaldo**

**IT0051**

**Habitats of Interest**

9999 Not Specified

**Da Maruggio a Castellaneta**

**IT0084**

**Habitats of Interest**

9999 Not Specified

**Da Montecorice a Pollica**

**IT0074**

**Habitats of Interest**

9999 Not Specified

**Da Palmi a Joppolo**

**IT0030**

**Habitats of Interest**

9999 Not Specified

**Da Paola a Parghelia**

**IT0043**

**Habitats of Interest**

9999 Not Specified

**Da Racale a Nard=**

**IT0065**

**Habitats of Interest**

9999 Not Specified

**Da Sabaudia a S. Felice Circeo**

**IT0110**

**Habitats of Interest**

9999 Not Specified

**Da San Vito Lo Capo a Favignana**

**IT0018**

**Habitats of Interest**

9999 Not Specified

**Da Sciacca a Siculiana**

**IT0010**

**Habitats of Interest**

9999 Not Specified

## ITALY

**Da Siracusa a Pachino**

**IT0003**

**Habitats of Interest**

9999 Not Specified

**Da Termini Imerese a Bagheria**

**IT0019**

**Habitats of Interest**

9999 Not Specified

**Da Tricase a Castrignano del Capo**

**IT0058**

**Habitats of Interest**

9999 Not Specified

**Da Tusso a Termini Imerese**

**IT0020**

**Habitats of Interest**

9999 Not Specified

**Dallo Stretto a Milazzo**

**IT0027**

**Habitats of Interest**

9999 Not Specified

**Davanti Menfi**

**IT0009**

**Habitats of Interest**

9999 Not Specified

**Davanti Peschici**

**IT0144**

**Habitats of Interest**

9999 Not Specified

**Davanti Realmonte**

**IT0007**

**Habitats of Interest**

9999 Not Specified

**Davanti Roseto degli Abruzzi**

**IT0150**

**Habitats of Interest**

9999 Not Specified

**Davanti Roseto degli Abruzzi distale**

**IT0158**

**Habitats of Interest**

9999 Not Specified

**Davanti Vieste Centro**

**IT0136**

**Habitats of Interest**

9999 Not Specified

**Davanti Vieste Est**

**IT0135**

**Habitats of Interest**

9999 Not Specified

**Davanti Vieste Ovest**

**IT0137**

**Habitats of Interest**

9999 Not Specified

**Elba Capoliveri**

**IT0146**

**Habitats of Interest**

9999 Not Specified

**Elba Marciana Nord**

**IT0149**

**Habitats of Interest**

9999 Not Specified

**Elba Marciana Ovest**

**IT0147**

**Habitats of Interest**

9999 Not Specified

## ITALY

### Elba Nord Ovest

IT0148

#### Habitats of Interest

9999 Not Specified

### Elba Portoferraio

IT0151

#### Habitats of Interest

9999 Not Specified

### Eolie

IT0032

#### Habitats of Interest

9999 Not Specified

### Favignana Sud Ovest

IT0015

#### Habitats of Interest

9999 Not Specified

### Fiumara di Atella (Basilicata)

IT0101

#### Species of interest

1355 Lutra lutra

### Fiume Agri (Basilicata)

IT0081

#### Species of interest

1355 Lutra lutra

### Fiume Albegna (Toscana)

IT0142

#### Species of interest

1355 Lutra lutra

### Fiume Basento (Basilicata)

IT0087

#### Species of interest

1355 Lutra lutra

### Fiume Bradano (Basilicata)

IT0089

#### Species of interest

1355 Lutra lutra

### Fiume Bussento (Campania)

IT0073

#### Species of interest

1355 Lutra lutra

### Fiume Calore Irpino (Campania)

IT0105

#### Species of interest

1355 Lutra lutra

### Fiume Calore Lucano (Campania)

IT0086

#### Species of interest

1355 Lutra lutra

### Fiume Crati (Calabria)

IT0052

#### Species of interest

1355 Lutra lutra

### Fiume Farma (Toscana)

IT0156

#### Species of interest

1355 Lutra lutra

### Fiume Fortore (Puglia)

IT0120

#### Species of interest

1355 Lutra lutra

### Fiume Grondo/Fiumicello (Calabria)

IT0055

#### Species of interest

1355 Lutra lutra

## ITALY

### Fiume Lambro (Campania)

**IT0070**                      **Species of interest**  
1355              Lutra lutra

### Fiume Merse (Toscana)

**IT0157**                      **Species of interest**  
1355              Lutra lutra

### Fiume Mingardo (Campania)

**IT0072**                      **Species of interest**  
1355              Lutra lutra

### Fiume Noce (Basilicata)

**IT0068**                      **Species of interest**  
1355              Lutra lutra

### Fiume Occido (Calabria)

**IT0054**                      **Species of interest**  
1355              Lutra lutra

### Fiume Ofanto (Campania, Basilicata, Puglia)

**IT0106**                      **Species of interest**  
1355              Lutra lutra

### Fiume Olpeta (Lazio)

**IT0145**                      **Species of interest**  
1355              Lutra lutra

### Fiume Rosa (Calabria)

**IT0053**                      **Species of interest**  
1355              Lutra lutra

### Fiume Sele (Campania)

**IT0092**                      **Species of interest**  
1355              Lutra lutra

### Fiume Sinni (Basilicata)

**IT0077**                      **Species of interest**  
1355              Lutra lutra

### Fiume Tagliamento

**IT0199**                                              **Habitats of Interest**  
9999              Not Specified

### Fiume Tanagro (Campania)

**IT0094**                      **Species of interest**  
1355              Lutra lutra

### Fiume Ticino (Lombardia, Piemonte)

**IT0180**                      **Species of interest**  
1355              Lutra lutra

### Fiume Timone (Lazio)

**IT0139**                      **Species of interest**  
1355              Lutra lutra

### Fontana Nuova

**IT0179**                                              **Habitats of Interest**  
9999              Not Specified

### Fosso del Tafone (Lazio)

**IT0140**                      **Species of interest**  
1355              Lutra lutra

## ITALY

**Fraine, Monti Aurunci (LT)**

|        |                     |
|--------|---------------------|
| IT0115 | Species of interest |
| 1065   | Euphydryas aurinia  |

## Gabravizza (TS)

|        |                     |
|--------|---------------------|
| IT0184 | Species of interest |
| 1065   | Euphydryas aurinia  |

## Genova

|               |                             |
|---------------|-----------------------------|
| <b>IT0166</b> | <b>Habitats of Interest</b> |
| 9999          | Not Specified               |

## Golfo di Policastro

|               |                             |
|---------------|-----------------------------|
| <b>IT0067</b> | <b>Habitats of Interest</b> |
| 9999          | Not Specified               |

## Golfo di Taranto

|               |                             |
|---------------|-----------------------------|
| <b>IT0059</b> | <b>Habitats of Interest</b> |
| 9999          | Not Specified               |

## Isola del Giglio

|               |                             |
|---------------|-----------------------------|
| <b>IT0134</b> | <b>Habitats of Interest</b> |
| 9999          | Not Specified               |

## Isola di Capraia

|               |                             |
|---------------|-----------------------------|
| <b>IT0155</b> | <b>Habitats of Interest</b> |
| 9999          | Not Specified               |

## Isola di Capri e Massa Lubrense

|               |                             |
|---------------|-----------------------------|
| <b>IT0091</b> | <b>Habitats of Interest</b> |
| 9999          | Not Specified               |

## Isola di Giannutri

|               |                             |
|---------------|-----------------------------|
| <b>IT0130</b> | <b>Habitats of Interest</b> |
| 9999          | Not Specified               |

## Isola di Gorgona

|               |                             |
|---------------|-----------------------------|
| <b>IT0159</b> | <b>Habitats of Interest</b> |
| 9999          | Not Specified               |

## Isola di Montecristo

|               |                             |
|---------------|-----------------------------|
| <b>IT0132</b> | <b>Habitats of Interest</b> |
| 9999          | Not Specified               |

## Isola di Montecristo Ovest

|               |                             |
|---------------|-----------------------------|
| <b>IT0131</b> | <b>Habitats of Interest</b> |
| 9999          | Not Specified               |

### Isola di Montecristo Sud Ovest

|               |                             |
|---------------|-----------------------------|
| <b>IT0129</b> | <b>Habitats of Interest</b> |
| 9999          | Not Specified               |

## Isola di Pianosa

|               |                             |
|---------------|-----------------------------|
| <b>IT0143</b> | <b>Habitats of Interest</b> |
| 9999          | Not Specified               |

## Isola di Ventotene

|               |                             |
|---------------|-----------------------------|
| <b>IT0097</b> | <b>Habitats of Interest</b> |
| 9999          | Not Specified               |

## Isola d'Ischia e Golfo di Napoli

|               |                             |
|---------------|-----------------------------|
| <b>IT0096</b> | <b>Habitats of Interest</b> |
| 9999          | Not Specified               |

## ITALY

### Isole Egadi

IT0016

#### Habitats of Interest

9999 Not Specified

### Isole Ponziane

IT0104

#### Habitats of Interest

9999 Not Specified

### Isole Tremiti

IT0125

#### Habitats of Interest

9999 Not Specified

### LA MADDALENA

IT0114

#### Habitats of Interest

9999 Not Specified

### Laghi di Monticchio (PZ)

IT0103

#### Species of interest

1065 Euphydryas aurinia

### Lago di Doberdò (GO)

IT0190

#### Species of interest

1065 Euphydryas aurinia

### Le Mortine (Campania)

IT0118

#### Habitats of Interest

9999 Not Specified

### Licata

IT0002

#### Habitats of Interest

9999 Not Specified

### Livorno

IT0160

#### Habitats of Interest

9999 Not Specified

### M. Caperino, Castelmezzano (PZ)

IT0088

#### Species of interest

1065 Euphydryas aurinia

### M. Musinè, Casalatto (TO)

IT0176

#### Species of interest

1065 Euphydryas aurinia

### M.Grappa (VI)

IT0192

#### Species of interest

1065 Euphydryas aurinia

### M.S.Liberato (TR)

IT0141

#### Species of interest

1065 Euphydryas aurinia

### M.te Pollino

IT0062

#### Species of interest

1065 Euphydryas aurinia

### Massiccio della Maiella

IT0154

#### Species of interest

1065 Euphydryas aurinia

### Monte Argentario

IT0138

#### Habitats of Interest

9999 Not Specified

## ITALY

### Monte Baldo

IT0195

#### Habitats of Interest

9999 Not Specified

### Monte Bianco

IT0189

#### Habitats of Interest

9999 Not Specified

### Monviso Pian del Re

IT0169

#### Habitats of Interest

9999 Not Specified

### Morano Calabro (Pollino)

IT0060

#### Species of interest

1065 Euphydryas aurinia

### Novi ligure (AL)

IT0172

#### Species of interest

1065 Euphydryas aurinia

### OLBIA

IT0107

#### Habitats of Interest

9999 Not Specified

### Orfento (Abruzzo)

IT0127

#### Species of interest

1355 Lutra lutra

### Palma di Montechiaro Est

IT0004

#### Habitats of Interest

9999 Not Specified

### Palma di Montechiaro Ovest

IT0005

#### Habitats of Interest

9999 Not Specified

### Petrosino

IT0013

#### Habitats of Interest

9999 Not Specified

### Petrosino Ovest

IT0014

#### Habitats of Interest

9999 Not Specified

### Petrosino Ovest Lontano

IT0012

#### Habitats of Interest

9999 Not Specified

### Pian del tivano (CO)

IT0191

#### Species of interest

1065 Euphydryas aurinia

### Piano dei Sali (Verbania)

IT0200

#### Habitats of Interest

9999 Not Specified

### Portofino

IT0164

#### Habitats of Interest

9999 Not Specified

### Provincia di Bolzano

IT0205

#### Species of interest

1361 Lynx lynx

## ITALY

### Provincia di Trento

**IT0201**                      **Species of interest**  
1361      *Lynx lynx*

### PULA NORD

**IT0039**                                              **Habitats of Interest**  
9999      Not Specified

### PULA SUD

**IT0034**                                              **Habitats of Interest**  
9999      Not Specified

### QUARTU SANT'ELENA

**IT0047**                                              **Habitats of Interest**  
9999      Not Specified

### Ragusa

**IT0001**                                              **Habitats of Interest**  
9999      Not Specified

### Ricadi

**IT0033**                                              **Habitats of Interest**  
9999      Not Specified

### RIOLA SARDO

**IT0066**                                              **Habitats of Interest**  
9999      Not Specified

### Riserva Naturale Orientata di Fara San Martino-Palombaro;

**IT0126**                      **Species of interest**  
1902      *Cypripedium calceolus*

### SAN TEODORO

**IT0102**                                              **Habitats of Interest**  
9999      Not Specified

### San Vito Lo Capo

**IT0024**                                              **Habitats of Interest**  
9999      Not Specified

### SANT'ANTIOCO

**IT0036**                                              **Habitats of Interest**  
9999      Not Specified

### SASSARI

**IT0098**                                              **Habitats of Interest**  
9999      Not Specified

### Savona (Andora)

**IT0162**                      **Species of interest**  
1065      *Euphydryas aurinia*

### Scoglio d'Africa

**IT0133**                                              **Habitats of Interest**  
9999      Not Specified

### Sestri Levante

**IT0163**                                              **Habitats of Interest**  
9999      Not Specified

### Simbruini-Ernici area.

**IT0122**                      **Species of interest**  
1902      *Cypripedium calceolus*

## ITALY

### STINTINO

IT0108

#### Habitats of Interest

9999 Not Specified

### Sulzano, Lagi d'seo (BS)

IT0183

#### Species of interest

1065 Euphydryas aurinia

### TEULADA EST

IT0038

#### Habitats of Interest

9999 Not Specified

### TEULADA OVEST

IT0037

#### Habitats of Interest

9999 Not Specified

### Tiglieto (GE)

IT0167

#### Species of interest

1065 Euphydryas aurinia

### Torrente Carapelle (Puglia)

IT0112

#### Species of interest

1355 Lutra lutra

### Torrente Ceraso (Campania)

IT0075

#### Species of interest

1355 Lutra lutra

### Torrente Fasanella (Campania)

IT0085

#### Species of interest

1355 Lutra lutra

### Torrente Peschiera (Basilicata)

IT0069

#### Species of interest

1355 Lutra lutra

### Torrente Pietra-Sammario (Campania)

IT0082

#### Species of interest

1355 Lutra lutra

### Torrente Sauro (Basilicata)

IT0083

#### Species of interest

1355 Lutra lutra

### Tra Pantelleria e Sciacca Est

IT0006

#### Habitats of Interest

9999 Not Specified

### Tra Pantelleria e Sciacca Ovest

IT0008

#### Habitats of Interest

9999 Not Specified

### Ugento Sud

IT0056

#### Habitats of Interest

9999 Not Specified

### Ustica

IT0026

#### Habitats of Interest

9999 Not Specified

### Val dell'Orimento, M. Generoso (sul confine)

IT0194

#### Species of interest

1065 Euphydryas aurinia

## ITALY

### Val Fondillo;

IT0121

### Species of interest

1902      *Cypripedium calceolus*

### Val Sassina, lago di Como (CO)

IT0197

### Species of interest

1065 *Euphydryas aurinia*

## Valgrande National Park

IT0186

### Species of interest

1361 *Lynx lynx*

## Valle dell'Orfento

IT0128

### Species of interest

1065 *Euphydryas aurinia*

### Valle Fersinone Serpolla (Umbria)

IT0152

## Habitats of Interest

|      |               |
|------|---------------|
| 9999 | Not Specified |
|------|---------------|

### Valloni di Macchia Lunga (Maiella-zona betulla-ghiaione-mugheta)

IT0124

### Species of interest

1902      *Cypripedium calceolus*

## Valvestino-Corno della Marogna

IT0188

### Species of interest

1361 *Lynx lynx*

**Volturana Irpina (AV)**

IT0099

### Species of interest

1065 *Euphydryas aurinia*



## LUXEMBOURG

### INTRODUCTION

1.1 *Biogeographic regions concerned:* Continental

1.2 *Executive Summary*

Luxembourg has elaborated a Scientific List that contains an adequate coverage of those habitats where information is sufficient. However, information is lacking in some areas, particularly for meadows, so that several types of meadow are underrepresented even on the Scientific List. Sites that might cause (economic) problems have subsequently been removed from the list by the government. The result being that several other habitats are now clearly underrepresented (5130, 6210, 6410, 6510, 8210, 8310, 9160) and several nationally important sites are excluded from the list of pSCIs. In addition, no effective conservation measures are in place to protect habitats as well as the species present in pSCIs.

### I. INFORMATION ON THE NATIONAL LIST OF PROPOSED SITES OF COMMUNITY IMPORTANCE

2.1 *Territory Covered and quantity aspects*

| Coverage of Proposed Sites        |                       |
|-----------------------------------|-----------------------|
| The number of sites proposed      | 38*                   |
| Total area covered by sites       | 351.7 km <sup>2</sup> |
| Percentage of country's territory | 13.6 %                |
| % Land                            | all                   |
| % Marine                          | none                  |

The surface of the sites proposed is in general suitably large. However, there are some habitat types that are clearly underrepresented, as for example the semi-natural dry grasslands and scrubland facies on calcareous substrates (code 6210).

2.2 *Progress with the Natura 2000 process for site proposals – insufficiencies and difficulties*

The Government has submitted to the Commission a list of proposed Sites of Community Importance (pSCIs). However, the following percentage of habitats was considered not sufficiently represented at the last biogeographic seminar:

| Biogeographic region | % of Habitats insufficiently represented | % of Species insufficiently represented |
|----------------------|------------------------------------------|-----------------------------------------|
| Continental          | 16%*                                     | 0%                                      |

\* Five types of habitat (5130, 6210, 6410, 6510 and 9160)

So far the Government has not responded to the shortcomings identified at the biogeographic seminar, except for the fact that information is being collected for some habitats where available knowledge is insufficient. The NGOs have no information concerning progress as the Ministry of Environment is rather secretive about it.

There are for the moment no particular reasons for delays since all sites likely to cause problems have simply been excluded from the list of pSCI submitted by the Ministry of Environment.

### II. INFORMATION ON CONSULTATION PROCEDURES TO ELABORATE THE LIST OF PSCI

A consultation procedure was carried out at the national and local levels with NGOs, scientific experts, national land use organisations and local authorities during the process of elaborating the national Scientific list. However, while NGOs were involved at that stage, they have subsequently been excluded

## LUXEMBOURG

from the final decisions over the list of pSCI. There is a general consensus between the Ministry and the NGOs about the quality of the Scientific list, apart from certain habitats where the knowledge is insufficient and sites are therefore missing from the Scientific list. However, there is no consensus about the list of pSCI as a number of sites have been excluded for purely economic reasons.

At the first stage when experts and NGO were consulted this caused an improvement in the list. In the second stage, local authorities, other government departments and land-user organisations were consulted, resulting in the withdrawal or reduction of sites.

In general the level of awareness of the importance or impact of the Natura 2000 network is rather low, with few people concerned with the network. The consultations have had little impact on this situation, particularly as the economic interest groups feel content that problematic sites have been withdrawn. A general public discussion of the list of pSCI has not yet taken place and there little discussion about the process. Overall opposition is consequently also low.

### III. GLOBAL EVALUATION OF THE NATIONAL LIST OF PROPOSED SCI

The main problem regarding the national list for Luxembourg is the fact that the majority of the controversial sites were eliminated from the proposed list. The result is an under-representation of different habitat types such as 5130, 6210, 6410, 6510, 8210, 8310 and 9160. There are also gaps in the knowledge about the state of some habitats in Luxembourg, particularly meadows (6410, 6510). As a consequence, only a very small percentage of the meadows are actually represented on the list.

A further shortcoming is the lack of suitable instruments to support the practical implementation of the Habitats Directive. Financial instruments that were promised by the Ministry of Environment during the consultations have not been adopted, although a proposed regulation has been in existence for more than a year. The government does not intend to purchase land, which means there will be no effective protection and management for some of the sites that are on privately-owned land.

### IV. CONSERVATION OF SITES IDENTIFIED AS PSCI

There are no special measures taken for the protection of pSCI up to the moment. On the contrary, economic projects on such sites are authorised and carried out without any resistance. The following projects illustrate the general level of treatment of pSCI, not to mention sites that have been withdrawn from the list for economic reasons:

- a motorway is being built through on the *Grengewald* site which hosts the largest coherent forest complex in Luxembourg. The project will cut an important bat habitat in two;
- a large byway was cut through a particularly undisturbed oak-hornbeam forest in *Bertrange-Grevelserhaff-Bouferterhaff*. The project, which was authorised by the Ministry of Environment, was ironically declared a management measure which was necessary to protect the site, thus requiring no impact study.
- a WWF Shadow List site, *Flaxweiler-Widdebierg-Hieden*, was recently degraded by the building of a byway in the context of a land consolidation project which was authorised by the Ministry of Environment. The site hosts semi-natural dry grasslands (6210) and hay meadows (6510). The construction destroyed almost completely one of the largest populations of *Gentiana germanica* in Luxembourg.

In general, projects likely to cause most damage to sites are government projects, mainly to construct roads.

**Report compiled by: *Mouvement Ecologique, Ligue luxembourgeoise pour la protection de la Nature et des Oiseaux***

## LUXEMBOURG

### Luxembourg (Grand-Duche)

#### Capellen - Aire de service et Schultzebech

LU001055

#### Habitats of Interest

6510 Lowland hay meadows (*Alopecurus pratensis*,  
*Sanguisorba officinalis*)

#### Colmar-Berg - Michelbuch

LU001012

#### Species of interest

1166 *Triturus cristatus*

#### Habitats of Interest

6510 Lowland hay meadows (*Alopecurus pratensis*,  
*Sanguisorba officinalis*)  
91E0 Residual alluvial forests (*Alnion*)  
9180 Tilio-Acerion ravine forests  
6210 Semi-natural dry grasslands and scrubland facies on  
calcareous substrates (*Festuco Brometaha*) (\*impo)  
91D0 Bog woodland

#### Flaxweiler / Widdebiereg-Hierden

LU001023

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on  
calcareous substrates (*Festuco Brometaha*) (\*impo)  
6510 Lowland hay meadows (*Alopecurus pratensis*,  
*Sanguisorba officinalis*)

#### Folschette - Carrière

LU001063

#### Species of interest

1166 *Triturus cristatus*

#### Hagen - Dräibrécken

LU001046

#### Habitats of Interest

6510 Lowland hay meadows (*Alopecurus pratensis*,  
*Sanguisorba officinalis*)

#### Herborn - Bois de Herborn / Echternach - Haard

LU001016

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on  
calcareous substrates (*Festuco Brometaha*) (\*impo)  
91E0 Residual alluvial forests (*Alnion*)  
91D0 Bog woodland  
6510 Lowland hay meadows (*Alopecurus pratensis*,  
*Sanguisorba officinalis*)  
9180 Tilio-Acerion ravine forests

#### Lintgen - An den Gruevenenner et Laaschenterbësch

LU001019

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on  
calcareous substrates (*Festuco Brometaha*) (\*impo)  
6510 Lowland hay meadows (*Alopecurus pratensis*,  
*Sanguisorba officinalis*)

#### Lorentzweiler - Gare

LU001071

#### Habitats of Interest

91E0 Residual alluvial forests (*Alnion*)

#### Luxembourg - Vallée de l'Alzette et de la Pétrusse

LU001036

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on  
calcareous substrates (*Festuco Brometaha*) (\*impo)  
91E0 Residual alluvial forests (*Alnion*)  
6510 Lowland hay meadows (*Alopecurus pratensis*,  
*Sanguisorba officinalis*)  
9180 Tilio-Acerion ravine forests

## LUXEMBOURG

### Pelouses calcaires de la région de Junglinster

**LU001020**

#### Species of interest

1065 Euphydryas aurinia

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)  
 6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo  
 6510 Lowland hay meadows (Alopecurus pratensis, Sanguisorba officianalis)  
 9180 Tilio-Acerion ravine forests

### Roeser/Leudelange - Kuelescherweiler

**LU001048**

#### Habitats of Interest

6510 Lowland hay meadows (Alopecurus pratensis, Sanguisorba officianalis)  
 91E0 Residual alluvial forests (Alnion)

### Sandweiler - Birelergronn

**LU001047**

#### Habitats of Interest

6510 Lowland hay meadows (Alopecurus pratensis, Sanguisorba officianalis)  
 91E0 Residual alluvial forests (Alnion)

### Schaedhaff/Sandweiler - Stekentermouer

**LU001049**

#### Species of interest

1166 Triturus cristatus

### Vallée de la Chiers / Halte de Bascharage

**LU001027**

#### Species of interest

1166 Triturus cristatus

#### Habitats of Interest

6510 Lowland hay meadows (Alopecurus pratensis, Sanguisorba officianalis)  
 91E0 Residual alluvial forests (Alnion)

### Vallée de la Sûre de Diekirch à Dillingen et affluents

**LU001009**

#### Species of interest

1106 Salmo salar

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo  
 6510 Lowland hay meadows (Alopecurus pratensis, Sanguisorba officianalis)  
 9180 Tilio-Acerion ravine forests 91E0 Residual

alluvial forests (Alnion)

## THE NETHERLANDS

### I. INTRODUCTION

1.1 *Biogeographic regions concerned:* Atlantic

1.2 *Executive Summary*

A few sites appear to have been omitted from the Netherlands list of proposed SCIs due to political considerations such as interests of the dairy farming and recreational sector. A number of major sites have also been reduced in size to accommodate shipping and military interests, thereby affecting the coherence of the areas and the network as a whole.

Sites of less than 250 hectares in size have as a policy not been considered for inclusion, irrespective of the importance and quality of the habitat types present. As a consequence, some of the best and most unique sites have been excluded. The number of sites for non-priority habitats and species has also been restricted.

The Government has not yet responded to the requirements identified at the biogeographic seminar, but the July 2000 deadline for submitting additional lists may still be met. If the Netherlands adds a sufficient number of new sites to those already proposed, the national network will be appropriate. Further work will be needed under Article 10, however.

### II. INFORMATION ON THE NATIONAL LIST OF PROPOSED SITES OF COMMUNITY IMPORTANCE

2.1 *Territory Covered and quantity aspects*

| Coverage of Proposed Sites        |                       |
|-----------------------------------|-----------------------|
| The number of sites proposed      | 76                    |
| Total area covered by sites       | 7,330 km <sup>2</sup> |
| Percentage of country's territory | 16.6%                 |
| % Land                            | 6.2%                  |
| % Marine                          | 10.4%*                |

\* Dutch territory of the North Sea excluded

\*\* specified as % water

The surface area of sites is generally not suitable enough to achieve a favourable conservation status for the species and habitats.

2.2 *Progress with the Natura 2000 process for site proposals – insufficiencies and difficulties*

The Government has submitted to the Commission a list of proposed Sites of Community Importance (pSCIs). However, the following percentage of habitats and species was considered not sufficiently represented at the last biogeographic seminar:

| Biogeographic region | % of Habitats insufficiently represented | % of Species insufficiently represented |
|----------------------|------------------------------------------|-----------------------------------------|
| Atlantic             | 30% (or 15 out of 50 habitats)           | 39% (or 14 out of 36 species)           |

The Government has not yet responded to the requirements identified at the biogeographic seminar, but the July 2000 deadline for submitting additional lists may still be met. The Government does intend to propose more sites covering insufficiently protected habitats and species. It has also proposed additional information on the ecological characteristics of the sites.

### III. INFORMATION ON CONSULTATION PROCEDURES TO ELABORATE THE LIST OF PSCI

## THE NETHERLANDS

No consultation procedure has been carried out, but NGO involvement is expected for the new additions to the list.

### IV. GLOBAL EVALUATION OF THE NATIONAL LIST OF PROPOSED SCI

A number of few sites in the provinces of *Noord-Holland*, *Friesland* and along the rivers appear to have been omitted due to political considerations, reflecting dairy farming and recreational interests. The decision affects the maintenance of a number of habitats and species notably *Xeric* sand grassland (6120), lowland hay meadows (6510), transition mires (7140), *Cladietum marisci fens* (#210), *Microtus oeconomus arenicola*, *Myotis dasycneme*, *Lampetra planeri*, *Triturus cristatus*.

A number of major sites have also been reduced in size to accommodate shipping and military interests, thereby affecting the coherence of the areas and the network as a whole. This concerns the Wadden Sea, including the North Sea zone (habitat types #1110, 1130, 1140), *Westerschelde* (#1130), *Veluwe* (#2310, 2330, 6230), *Weerter- en Budelerbergen*.

Sites of less than 250 hectares in size have not been considered for inclusion irrespective of the importance and the quality of the habitat types present. As a consequence of this decision some of the best and most unique sites have been ignored (e.g. habitats 5130, 6120, 7230, 9120, 91E0, 91F0; species 1016).

The number of sites for non-priority habitats and species has been restricted. Sites without priority habitats or species belong to one of the five most important sites for a habitat or species in the Netherlands, and to one of the 100 most important in the EU. This may have been the reason that some habitat types are underrepresented (e.g. 2320, 3130, 3260, 6410).

If the Netherlands adds sufficient new sites to the already proposed SCIs the national network would probably be appropriate, although further work will be needed under Article 10 of the habitats Directive.

### V. CONSERVATION OF SITES IDENTIFIED AS PSCI

The following pSCIs or sites proposed by WWF/ BirdLife are being or have been degraded or destroyed as a consequence of human activities or a specific development project:

- *Westerschelde* - deepening of shipping lane affecting estuaries (1130);
- *Oosterschelde* – a flood barrier affecting intertidal mud- and sandflats (1140);
- Waddenzee - shellfish fisheries affecting intertidal mud- and sandflats (1140); and
- Marsh areas like *Alde Feanen*, *Weerribben*, *Wieden en Olde Maten*, *Nieuwkoopse Plassen en De Haeck* – drainage.

**Report compiled by: Carolien Borggreve, BirdLife Netherlands/Vogelbescherming Nederland**

# THE NETHERLANDS

## Netherlands

### Alkmaardermeer

NL305-89

#### Species of interest

1318 Myotis dasycneme

### Ameland: Duinen-Oerd

NL006-00

#### Habitats of Interest

2140 Decalcified fixed dunes with Empetrum nigrum

### Bargerveen

NL071-00

#### Habitats of Interest

7110 Active raised bogs

7120 Degraded raised bogs (still capable of

91D0 Bog woodland

regeneration)

### Bemelerberg

NL412-15

#### Species of interest

1318 Myotis dasycneme

on

1166 Triturus cristatus

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies

calcareous substrates (Festuco Brometaha) (\*impo

### Botshol

NL301-89

#### Species of interest

1318 Myotis dasycneme

### Brunsummerheide

NL412-13

#### Species of interest

1166 Triturus cristatus

### Dal van de Ruiten Aa

NL401-11

#### Habitats of Interest

7120 Degraded raised bogs (still capable of

regeneration)

### Deelen, De

NL045-00

#### Species of interest

1318 Myotis dasycneme

### Dinkelland

NL317-11

#### Species of interest

1166 Triturus cristatus

### Dollard

NL014-00

#### Habitats of Interest

1130 Estuaries

### Drentse Aa, Stroomdal

NL314-11

#### Species of interest

1166 Triturus cristatus

### Drents-Friese Woud

NL201-00

#### Species of interest

1166 Triturus cristatus

### Duinen: Den Helder-Callantsoog

NL408-12

#### Habitats of Interest

2140 Decalcified fixed dunes with Empetrum nigrum

### Eilandspolder

NL056-00

#### Species of interest

1318 Myotis dasycneme

#### Habitats of Interest

91D0 Bog woodland

### Engbertsdijkerven



## THE NETHERLANDS

### Korenburgeterveen

NL304-86

#### Species of interest

1166 Triturus cristatus

#### Habitats of Interest

91D0 Bog woodland  
7120 Degraded raised bogs (still capable of

regeneration)

### Leenderbos en Groote Heide

NL211-00

#### Species of interest

1166 Triturus cristatus

#### Habitats of Interest

91D0 Bog woodland

### Leggelderveld

NL403-15

#### Habitats of Interest

7120 Degraded raised bogs (still capable of

regeneration)

### Leudal

NL210-00

#### Species of interest

1166 Triturus cristatus

### Loonse en Drunense Duinen

NL204-00

#### Species of interest

1166 Triturus cristatus

### Maasduinen

NL207-00

#### Species of interest

1166 Triturus cristatus

#### Habitats of Interest

91D0 Bog woodland  
7110 Active raised bogs  
7120 Degraded raised bogs (still capable of

regeneration)

### Mariapeel en Deurnesepeel

NL073-00

#### Habitats of Interest

91D0 Bog woodland  
7120 Degraded raised bogs (still capable of

regeneration)

### Markermeer

NL029-03

#### Species of interest

1318 Myotis dasycneme

### Meijndel en Berkheide

NL409-12

#### Species of interest

1318 Myotis dasycneme

### Meinweg

NL212-00

#### Species of interest

1166 Triturus cristatus

### Naardermeer

NL061-00

#### Species of interest

1318 Myotis dasycneme

#### Habitats of Interest

91D0 Bog woodland

### Neder-Rijn

NL038-00

#### Species of interest

1166 Triturus cristatus

### Nieuwkoopse Plassen

NL063-00

#### Species of interest

1318 Myotis dasycneme

#### Habitats of Interest

91D0 Bog woodland

### Noordhollands Duinreservaat

NL408-13

#### Habitats of Interest

2140 Decalcified fixed dunes with Empetrum nigrum

# THE NETHERLANDS

## Oosterschelde

NL022-00

### Habitats of Interest

1160 Large shallow inlets and bays

## Oostzanerveld

NL059-02

### Species of interest

1318 Myotis dasycneme

## Oude Venen

NL044-00

### Species of interest

1318 Myotis dasycneme

### Habitats of Interest

91D0 Bog woodland

## Pannenhoeft/ Oude Buisse Heide

NL411-20

### Species of interest

1166 Triturus cristatus

## Regte heide

NL205-00

### Species of interest

1166 Triturus cristatus

## Rottige Meenthe

NL051-00

### Species of interest

1318 Myotis dasycneme

### Habitats of Interest

91D0 Bog woodland

## Savelsbos

NL412-12

### Species of interest

1166 Triturus cristatus

### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies

on

1318 Myotis dasycneme

calcareous substrates (Festuco Brometaha) (\*impo

## Schoorlse Duinen

NL104-00

### Habitats of Interest

2140 Decalcified fixed dunes with Empetrum nigrum

## Sneekerveer/Goengarijsterpoelen/Terkaplesterpoelen en Akmarijp

NL047-00

### Species of interest

1318 Myotis dasycneme

## Springendal en Mosbeek

NL316-11

### Species of interest

1166 Triturus cristatus

### Habitats of Interest

91D0 Bog woodland

## St. Pietersberg en Jekerdal

NL412-11

### Species of interest

1318 Myotis dasycneme

### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies

on

1166 Triturus cristatus

calcareous substrates (Festuco Brometaha) (\*impo

## Strabrechtse Heide en Beuven

NL075-00

### Species of interest

1166 Triturus cristatus

## Terschelling: duinen

NL005-02

### Habitats of Interest

2140 Decalcified fixed dunes with Empetrum nigrum

## Texel: Duinen en De Hors

NL002-02

### Habitats of Interest

2140 Decalcified fixed dunes with Empetrum nigrum

## Vechtplassen, Oostelijke

NL060-00

### Species of interest

1318 Myotis dasycneme  
1166 Triturus cristatus

### Habitats of Interest

91D0 Bog woodland

# THE NETHERLANDS

## Veluwe

NL202-00

### Species of interest

1166 Triturus cristatus

## Veluwe II

NL406-14

### Species of interest

1166 Triturus cristatus

## Verdronken Land van Saeftinghe

NL026-02

### Habitats of Interest

1130 Estuaries

## Vlieland

NL003-00

### Habitats of Interest

2140 Decalcified fixed dunes with Empetrum nigrum

## Voornes duin

NL017-03

### Species of interest

1166 Triturus cristatus

## Waal

NL039-00

### Species of interest

1166 Triturus cristatus

## Waddenzee

NL001-00

### Species of interest

1318 Myotis dasycneme

### Habitats of Interest

2140 Decalcified fixed dunes with Empetrum nigrum

1130 Estuaries

## Weerribben, De

NL052-00

### Species of interest

1318 Myotis dasycneme

### Habitats of Interest

91D0 Bog woodland

## Weerter- en Budelerbergen

NL209-00

### Species of interest

1166 Triturus cristatus

## Westerschelde en Saeftinghe

NL026-00

### Habitats of Interest

1130 Estuaries

## Westzaan, Polder

NL408-15

### Species of interest

1318 Myotis dasycneme

## Wieden, De

NL053-00

### Species of interest

1318 Myotis dasycneme

## Wierdense Veld

NL404-13

### Habitats of Interest

7120 Degraded raised bogs (still capable of

regeneration)

## Winterswijk, Terreinnen rond

NL406-12

### Species of interest

1166 Triturus cristatus

### Habitats of Interest

91D0 Bog woodland

7120 Degraded raised bogs (still capable of

regeneration)

## Witte en Zwarte Brekken en Oudhof

NL048-00

### Species of interest

1318 Myotis dasycneme

## THE NETHERLANDS

### Witte Veen en Aamsveen

NL404-17

regeneration)

#### Habitats of Interest

7120 Degraded raised bogs (still capable of

91D0 Bog woodland

### Witterveld

NL315-11

regeneration)

#### Habitats of Interest

91D0 Bog woodland

7120 Degraded raised bogs (still capable of

7110 Active raised bogs

### Wormer- en Jisperveld

NL058-00

#### Species of interest

1318 Myotis dasycneme

### Zwanenwater

NL016-00

#### Habitats of Interest

2140 Decalcified fixed dunes with Empetrum nigrum

### Zwarte meer

NL031-00

#### Species of interest

1318 Myotis dasycneme

### Zwin, Het

NL027-00

#### Species of interest

1166 Triturus cristatus

# PORTUGAL

## I. INTRODUCTION

1.1 *Biogeographic regions concerned:* Mediterranean, Atlantic, Macaronesian

1.2 *Executive Summary*

From the preliminary list, which included 91 Sites, the Portuguese Government submitted 31 sites to the Commission in 1997. A further 28 sites were selected in April 2000, although these have not yet been submitted. The additional sites represent an important improvement to the overall list, reflecting concerted political effort. Nevertheless, the proposals are deficient in a number of key respects, including the size of some sites and the insufficiency of sites with respect to several habitats and species.

## II. INFORMATION ON THE NATIONAL LIST OF PROPOSED SITES OF COMMUNITY IMPORTANCE

2.1 *Territory Covered and quantity aspects*

| Coverage of Proposed Sites        |                           |
|-----------------------------------|---------------------------|
| The number of sites proposed      | 31                        |
| Total area covered by sites       | 11,378.36 km <sup>2</sup> |
| Percentage of country's territory | 12.3%                     |
| Land                              | 11.8%                     |
| Marine                            | 0.5%                      |

The surface area of sites is not suitable to achieve a favourable conservation status for the species and habitats concerned.

2.2 *Progress with the Natura 2000 process for site proposals – insufficiencies and difficulties*

The Government submitted to the Commission a list of proposed Sites of Community Importance (pSCIs) in 1997, and a second is expected to be submitted in the near future. Nevertheless, the following percentage of habitats and species was considered not sufficiently represented at the last biogeographic seminar:

| Biogeographic region | % of Habitats insufficiently represented | % of Species insufficiently represented |
|----------------------|------------------------------------------|-----------------------------------------|
| Mediterranean        | 54%                                      | 30%                                     |

The Government has partially responded to the requirements identified at the biogeographic meetings with the latest proposals which have are soon to be submitted to the Commission. The aim of the additional pSCIs is to reduce the level of insufficiencies of both habitats and species. The list (including the latest additions) is still not considered adequate.

The main difficulties causing the delay in submitting sites stemmed from political problems associated with negotiations between governmental departments (e.g. agriculture department, forest department, economy and tourism) and with local authorities. In some cases, the technical reports were also considered insufficient by the national authorities.

## III. INFORMATION ON CONSULTATION PROCEDURES TO ELABORATE THE LIST OF PSCI

A consultation procedure has been carried out at the level of governmental departments, as for example for agriculture and forests. The procedure has resulted in an overall improvement in the list of pSCIs and has been very important in raising awareness of Natura 2000 in Portugal. There was some opposition to

## PORTUGAL

the process mainly stemming from the local authorities. NGOs have not been involved in the designation procedure.

### IV. GLOBAL EVALUATION OF THE NATIONAL LIST OF PROPOSED SCI

In general the proposed SCIs suffer from insufficiency of sites and deficiencies in some areas. It is also evident that the list lacks coherence: the favourable conservation status is not guaranteed and the absence of corridors between sites is critical in many cases. A number of additional sites and corrections to existing sites are therefore recommended.

### V. CONSERVATION OF SITES IDENTIFIED AS PSCI

There considerable concern about the very sensitive and important area of the site of Sintra/Cascais which is threatened by the construction of an urban golf course. If this development goes ahead, a number of habitats will be seriously affected, including - Intermittently flowing Mediterranean rivers (3290); European dry heaths (4030);

Thermo-Mediterranean and pre-desert scrub (5330); \*Rupicolous calcareous or basophilic grasslands of the Alyso-Sedion albi (6110); \* Xeric sand calcareous grasslands (6210); and \* Limestone pavements (8240). A number of species are also under threat, including Annex II species - \* Ionopsidium acaule and Silene cintrana / Silene longicilia ss. longicilia; and Annex V species - Anthylis lusitanica; Ruscus aculeatus; and Omphalodes kuzinskyanae Willd.

It is worth pointing out that Omphalodes kuzinskyanae should have been classified in the Directive as an Annex II priority species. In Portugal, it only survives in three small populations, all located in the Sintra-Cascais pSCI. The only other populations globally are in Galicia, although some botanists consider that these are sufficiently different to be classified as a different species. The great majority of the surviving individuals of this species in Portugal is restricted to an area within just a few hundred meters from the project. The consequences of the project for this species could be dramatic.

Most of the area originally proposed for the Vale do Guadiana site will soon be flooded by the Alqueva and Pedrogao dams; it was very important for several species and habitats of the Directive, and relevant for the highly threatened Iberian Lynx. Another dam (Odelouca) is planned for a critical area of Portugal's most important site for the protection of the Lynx - Monchique pSCI.

**Report compiled by: Maria João Martins, Helena Freitas, LPN – Liga para a Protecção da Natureza**  
**Date: 17 May 2000**

## PORTUGAL

### Portugal

#### Caldeirão

PTCON0057

#### Species of interest

- |      |              |
|------|--------------|
| 1355 | Lutra lutra  |
| 1362 | Lynx pardina |

#### Ericeira/Praia de Vide

PT0054

#### Fernão Ferro/Lagoa de Albufeira

PTCON0054

#### Habitats of Interest

- |      |                                            |
|------|--------------------------------------------|
| 2270 | Wooded dunes with Pinus pinea and/or Pinus |
| 3170 | Mediterranean temporary ponds              |

#### Luzianes

PT0062

#### Species of interest

- |      |              |
|------|--------------|
| 1355 | Lutra lutra  |
| 1362 | Lynx pardina |

#### Habitats of Interest

- |      |                                             |
|------|---------------------------------------------|
| 3290 | Intermittently flowing Mediterranean rivers |
|------|---------------------------------------------|

#### Mata Nacional do Urso

PT0048

#### Habitats of Interest

- |      |                                            |
|------|--------------------------------------------|
| 2270 | Wooded dunes with Pinus pinea and/or Pinus |
|------|--------------------------------------------|

#### Monchique

PTCON0037

#### Species of interest

- |      |             |
|------|-------------|
| 1355 | Lutra lutra |
|------|-------------|

#### Habitats of Interest

- |      |                                                                                     |
|------|-------------------------------------------------------------------------------------|
| 92D0 | Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian |
|------|-------------------------------------------------------------------------------------|

#### Moura/Barrancos

PTCON0053

#### Species of interest

- |      |              |
|------|--------------|
| 1355 | Lutra lutra  |
| 1362 | Lynx pardina |

#### Habitats of Interest

- |      |                                                  |
|------|--------------------------------------------------|
| 3170 | Mediterranean temporary ponds                    |
| 3290 | Intermittently flowing Mediterranean rivers      |
| 6210 | Semi-natural dry grasslands and scrubland facies |

on

calcareous substrates (Festuco Brometaha) (\*impo

#### Odeleite

PT0012

#### Species of interest

- |      |              |
|------|--------------|
| 1355 | Lutra lutra  |
| 1362 | Lynx pardina |

#### Habitats of Interest

- |      |                                             |
|------|---------------------------------------------|
| 3170 | Mediterranean temporary ponds               |
| 3290 | Intermittently flowing Mediterranean rivers |

#### Penha Garcia

PT0076

#### Species of interest

- |      |              |
|------|--------------|
| 1362 | Lynx pardina |
|------|--------------|

#### Habitats of Interest

- |      |                               |
|------|-------------------------------|
| 3170 | Mediterranean temporary ponds |
|------|-------------------------------|

#### Ria de Alvor

PTCON0058

#### Species of interest

- |      |             |
|------|-------------|
| 1355 | Lutra lutra |
|------|-------------|

#### Habitats of Interest

- |      |                               |
|------|-------------------------------|
| 1130 | Estuaries                     |
| 1150 | Lagoons                       |
| 1160 | Large shallow inlets and bays |

#### Ria de Aveiro

PT0006

#### Species of interest

- |      |             |
|------|-------------|
| 1355 | Lutra lutra |
|------|-------------|

#### Habitats of Interest

- |      |                                            |
|------|--------------------------------------------|
| 1130 | Estuaries                                  |
| 1150 | Lagoons                                    |
| 1160 | Large shallow inlets and bays              |
| 2270 | Wooded dunes with Pinus pinea and/or Pinus |
| 7110 | Active raised bogs                         |

## PORTUGAL

### Serra da Lapa

PT0095

### Serra da Pardela

PT0081

#### Species of interest

1355 Lutra lutra

### Serra do Larouco

PT0080

#### Species of interest

1355 Lutra lutra

#### Habitats of Interest

6510 Lowland hay meadows (*Alopecurus pratensis*,  
*Sanguisorba officianalis*)

### Tejo Internaciona

PT0072

#### Species of interest

1355 Lutra lutra  
1362 Lynx pardina

#### Habitats of Interest

3170 Mediterranean temporary ponds

### Torrao

PT0066

#### Species of interest

1355 Lutra lutra  
1362 Lynx pardina

#### Habitats of Interest

3290 Intermittently flowing Mediterranean rivers

### Vale doGuadiana

PTCON0036

#### Species of interest

1355 Lutra lutra

#### Habitats of Interest

3170 Mediterranean temporary ponds

3290 Intermittently flowing Mediterranean rivers

## SPAIN

### I. INTRODUCTION

1.1 *Biogeographic regions concerned:* Atlantic, Macaronesian, Mediterranean

1.2 *Executive Summary*

Overall, the Spanish authorities appear to be making a considerable effort in their list of proposed SCIs and are continuing work to improve the list. Already a large percentage of the territory is covered by pSCIs. The significant percentage of insufficiencies identified in the Spanish list of pSCIs - between 33 to 57% of species and habitats are deemed insufficiently represented - is partly a reflection of the constructive attitude of the Spanish authorities in the biogeographic seminars. They are not afraid to accept and admit insufficiencies. Furthermore, poor proposals from particular regions have lowered the overall standard of Spain's proposed list.

Despite the progress being made, however, there are some very noticeable gaps in the Spanish proposals. Generally speaking, rivers, wetlands and seas can be highlighted as deficient in the national list. A further notable insufficiency relates to the proposal for Iberian lynx, a priority endemic Iberian species on the verge of extinction for which the EU has a very special responsibility.

### II. INFORMATION ON THE NATIONAL LIST OF PROPOSED SITES OF COMMUNITY IMPORTANCE

2.1 *Territory Covered and quantity aspects*

| Coverage of Proposed Sites        |                        |
|-----------------------------------|------------------------|
| The number of sites proposed      | 867                    |
| Total area covered by sites       | 88,076 km <sup>2</sup> |
| Percentage of country's territory | 17.4 %                 |
| % Land                            | No possible to say     |
| % Marine                          | Very small             |

Proposed terrestrial SCIs are in general suitably large to achieve a favourable conservation status for the species and habitats concerned. This is not the case for marine sites, however, which are generally too small to make a sufficient contribution to conservation of marine species.

2.2 *Progress with the Natura 2000 process for site proposals – insufficiencies and difficulties*

The Government has submitted to the Commission a list of proposed Sites of Community Importance (pSCIs). However, the following percentage of habitats and species was considered not sufficiently represented at the last biogeographic seminars:

| Biogeographic region | % of Habitats insufficiently represented | % of Species insufficiently represented |
|----------------------|------------------------------------------|-----------------------------------------|
| Alpine               | 50%                                      | 38% (54% if we count cases of I*)       |
| Atlantic             | 33%                                      | 36% (50% if we count cases of I*)       |
| Macaronesian         | 0%                                       | 0%**                                    |
| Mediterranean        | 57%                                      | 43% (72% if we count cases of I*)       |

\* I = probably sufficient but need corrections to data forms

\*\*only 2 species in this category, but these were later considered sufficient in a bilateral seminar between the Spanish government and CTE

The regional and central authorities are working to correct these insufficiencies by proposing additional sites but this task has not yet been completed. It is inevitably a slow administrative process – experts in each regional government have to draw up new proposals which have to be agreed internally and then by the political leaders in each of the 16 regional governments. Each region has to send the new data to the

## SPAIN

central government for approval and to compile new proposals. It appears that there are no particular legal or political barriers in the way of progress at the moment.

### III. INFORMATION ON CONSULTATION PROCEDURES TO ELABORATE THE LIST OF PSCI

There is legal procedure for informing the public of the official proposals, but this will only initiated once the definitive list of SCIs has been agreed with the European Commission for each biogeographical region. There has consequently been no official consultation procedure in Spain. Nevertheless, some regional governments have organised meetings with NGOs to discuss the proposals. WWF/Adena has also developed a close and constructive working relationship with the national and regional government who are taking the WWF shadow lists into consideration.

In the absence of an official consultation procedure, there have been no visible impacts in terms of awareness raising or generating support for the Natura 2000 network. The lack of consultation also means that no significant changes have been made to the list of proposed sites, although the situation may change once landowners become aware of all the sites proposed.

### IV. GLOBAL EVALUATION OF THE NATIONAL LIST OF PROPOSED SCI

The principal deficiencies of the Spanish list of pSCIs relate to freshwater fish and marine species, marine habitats and some types of wetland and forests, especially riverine woodlands. Broadly speaking, rivers, wetlands and seas can be highlighted as deficient in the national proposals. A further area of concern is the proposal for Iberian lynx, a priority endemic Iberian species that is on the verge of extinction and for which the EU has a particular responsibility.

In terms of the coherence of the list of pSCI, some areas have good overall coverage and connections between sites (e.g. Sierra Morena in Andalucía). However, overall there are notable gaps, particularly for species such as Iberian lynx, Brown bear and marine species such as sea turtle (*Caretta caretta*) and bottle-nose dolphin (*Tursiops truncatus*). The sites proposed for these species generally suffer from insufficient connection with each other and cannot therefore be considered sufficient to guarantee the favourable conservation of the species. The Spanish authorities are currently reviewing the SCI proposals with the aim of including essential corridor areas in the next round of pSCIs.

### V. CONSERVATION OF SITES IDENTIFIED AS PSCI

There are undoubtedly many cases throughout Spain of officially proposed SCIs or sites proposed by WWF being degraded or destroyed as a direct consequence of human activities and development projects. Notable among these are dam building projects which pose a particular threat to SCIs proposed for Iberian lynx - at least five dams are threatening lynx pSCIs in Iberia, including four in Spain. Such projects affect the conservation status of the species mainly by destroying their habitat and by establishing physical barriers between very reduced local populations. A forest pSCI in the Pyrenees is threatened by the expansion of a ski resort. Several river sites proposed by WWF/Adena for fish species and for riverine woodlands are also threatened by dams and other hydrological works.

**Report compiled by: Guy Beaufoy, WWF-Spain/Adena**

**Date: 16 May 2000**

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### Spain

#### Affluent of Río Romadriu, Rialp

ES-077RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

#### Afluents of Río Caldo, Lovios

ES-042RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

#### Alanís

ES-LI14

#### Species of interest

1362 Lynx pardina

#### Albarrana

ES-LI15

#### Species of interest

1362 Lynx pardina

#### Alberche

ES-LI46

#### Species of interest

1362 Lynx pardina

#### Alcaraz

ES-LI28

#### Species of interest

1362 Lynx pardina

#### ALCARRACHE. Barcarrota-Villanueva del Fresno

ES-25cf

#### Species of interest

1133 Anaecypris hispanica

#### Alcarria (Alto Tajuña)

ES68

#### Species of interest

1065 Euphydryas aurinia

#### Aldeaquemada

ES-LI64

#### Species of interest

1362 Lynx pardina

#### ALJUCÉN. Todo el río

ES-38cf

#### Species of interest

1133 Anaecypris hispanica

#### Alto Adaja

ESMM5

#### Species of interest

1355 Lutra lutra

#### Alto Alberche

ES-46

#### Species of interest

1362 Lynx pardina

#### Alto Aneu

ES82

#### Habitats of Interest

9430 Pinus uncinata forests (\*on gypsum or limestone)

#### Alto Arlanza

ES-MM12

#### Species of interest

1355 Lutra lutra

#### Alto Cabriel and tributaries

ES-MM3

#### Species of interest

1355 Lutra lutra

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### Alto Cares

**ES-MM13**      **Species of interest**  
1355      Lutra lutra

### Alto Guadalope y Bergantes

**ES-MM2**      **Species of interest**  
1355      Lutra lutra

### Alto Ibias

**ES-AM4**      **Species of interest**  
1355      Lutra lutra

### Alto Narcea

**ES-AT1**      **Species of interest**  
1355      Lutra lutra

### Alto Sil A

**ES-Oso3.1**      **Species of interest**  
1354      Ursus arctos

### Alto Sil B este

**ES-Oso3.3**      **Species of interest**  
1354      Ursus arctos

### Alto Sil B oeste

**ES-Oso3.2**      **Species of interest**  
1354      Ursus arctos

### Alto Sil C

**ES-Oso3.4**      **Species of interest**  
1354      Ursus arctos

### Alto Tajo and tributaries

**ES-MM4**      **Species of interest**  
1355      Lutra lutra

### Alto Tambre

**ESLA9**      **Species of interest**  
1355      Lutra lutra

### Alto Turia

**ES-MM11**      **Species of interest**  
1355      Lutra lutra

### Ancares de León B

**ES-Oso2.1**      **Species of interest**  
1354      Ursus arctos

### Ancares de León C

**ES-Oso2.2**      **Species of interest**  
1354      Ursus arctos

### Ancares de Lugo B

**ES-Oso1.1**      **Species of interest**  
1354      Ursus arctos

### Ancares de Lugo C norte

**ES-Oso1.3**      **Species of interest**  
1354      Ursus arctos

### Ancares de Lugo C sur

**ES-Oso1.2**      **Species of interest**  
1354      Ursus arctos

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### **Anchuras**

**ESLI70**                      **Species of interest**  
1362              Lynx pardina

### **Andévalo**

**ES-LI1**                      **Species of interest**  
1362              Lynx pardina

### **Andújar**

**ES-LI23**                      **Species of interest**  
1362              Lynx pardina

### **Aracena**

**ES-LI6**                      **Species of interest**  
1362              Lynx pardina

### **Arbúcies, St. Pere Desplà**

**ES-034RF**

### **Habitats of Interest**

92D0              Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

### **Ardila, Medina de las Torres-Frontera con Portugal**

**ES-52f**                      **Species of interest**  
1133              Anaecypris hispanica

### **Arenoso**

**ES-LI22**                      **Species of interest**  
1362              Lynx pardina

### **Aroche**

**ES-LI2**                      **Species of interest**  
1362              Lynx pardina

### **Arroyo Albarrega, todo el río**

**ES-68f**                      **Species of interest**  
1133              Anaecypris hispanica

### **Arroyo Arenosillo, Montoro**

**ES-474**

### **Habitats of Interest**

92D0              Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

### **Arroyo Balado**

**ES-610**

### **Habitats of Interest**

91E0              Residual alluvial forests (Alnion)

### **Arroyo Barbacal, Constanina**

**ES-149RF**

### **Habitats of Interest**

92D0              Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

### **Arroyo Barbaón, Villa Real de San Carlos**

**ES-432**

### **Habitats of Interest**

91E0              Residual alluvial forests (Alnion)

### **Arroyo Bonagil, Constantina**

**ES-151RF**

### **Habitats of Interest**

92D0              Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

### **Arroyo Borbén, end section**

**ES-634**

### **Habitats of Interest**

91E0              Residual alluvial forests (Alnion)

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### Arroyo Calderas, Hornachuelos

ES-131RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

### Arroyo Cantareras, Venta del Charco

ES-479

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

### Arroyo Chorrerón,

ES-444

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Arroyo Ciudadreja, Las Navas de la Concepción

ES-160RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Arroyo Corcomé, Villa del Río

ES-476

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

### Arroyo de Candeda

ES-611

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Arroyo de Ferreira, headwaters

ES-551

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Arroyo de Galleguillos, Las Navas de la Concepción

ES-147RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)  
92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

### Arroyo de Guadalora, Hornachuelos

ES-146RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

### Arroyo de Guadalupejo and Valdegracia, Guadalupe

ES-018RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)  
92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

### Arroyo de Guazalema, Hornachuelos

ES-145RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

### Arroyo de la Baja, Hornachuelos

ES-167RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

### Arroyo de la Cabeza, Cabañeros

ES-443

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

## SPAIN

**Arroyo de la Celzadilla, Almadén de la Plata**  
**ES-484**

### **Habitats of Interest**

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

**Arroyo de la Cigüeñuela, Santa Eufemia**  
**ES-190RF**

### **Habitats of Interest**

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

**Arroyo de la Dehesa, Belalcázar**  
**ES-186RF**

### **Habitats of Interest**

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

**Arroyo de la Garganta, Fuencaliente**  
**ES-198RF**

### **Habitats of Interest**

91E0 Residual alluvial forests (Alnion)

**Arroyo de la Parrilla, Belalcázar**  
**ES-187RF**

### **Habitats of Interest**

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

**Arroyo de la Parrilla, Obejo**  
**ES-172RF**

### **Habitats of Interest**

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

**Arroyo de la Ribera, Fuencaliente**  
**ES-197RF**

### **Habitats of Interest**

91E0 Residual alluvial forests (Alnion)

**Arroyo de la Víbora, El Real de la Jara**  
**ES-488**

### **Habitats of Interest**

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

**Arroyo de las Culebras, Palma del Río**  
**ES-129RF**

### **Habitats of Interest**

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

**Arroyo de los Molinos and Ribera de Benalija, Guadalcanal**  
**ES-166RF**

### **Habitats of Interest**

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

**Arroyo de los Picachos, Fuente Palmera**  
**ES-130RF**

### **Habitats of Interest**

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

**Arroyo de Louzarela, headwaters**  
**ES-601**

### **Habitats of Interest**

91E0 Residual alluvial forests (Alnion)

**Arroyo de Pincheira**  
**ES-609**

### **Habitats of Interest**

91E0 Residual alluvial forests (Alnion)

**Arroyo de San Adrián**  
**ES-532**

### **Habitats of Interest**

91E0 Residual alluvial forests (Alnion)

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### Arroyo de San Juan, San Benito

ES-196RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Arroyo de San Julián

ES-605

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Arroyo de San Pedro, Cazalla de la Sierra

ES-134RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Arroyo de Santa Brígida, Montoro

ES-478

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Arroyo de Valhondo and afluent, Puebla de Don Rodrigo.

ES-446

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Arroyo del Chorro, Robledo del Buey

ES-440

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Arroyo del Cohete, Hinojosa del Duque

ES-185RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Arroyo del Granal

ES-623

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Arroyo del Guadalmezán, Guadalcazar

ES-135RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Arroyo del Molinillo, Bélmez

ES-181RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Arroyo del Moral, Alanís

ES-164RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Arroyo del Parroso, El Pedroso

ES-153RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Arroyo del Picadero-Garganta de los Nogales, Deleitosa

ES-020RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)  
92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Arroyo del Rey and Rivera de Huelva, Zufre

ES-489

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries

## SPAIN

(Nerio-Tamariceteae) and south-west Iberian

**Arroyo del Robledillo, Navas de Estena**  
**ES-023RF**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)  
92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

**Arroyo del Rubio, Fuente-Obejuna**  
**ES-168RF**

### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

**Arroyo del Salar de Margen, Benamaurel**  
**ES-658**

### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

**Arroyo del Salobral, Cabeza de Buey**  
**ES-428**

### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

**Arroyo del Salto del Gato**  
**ES-638**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Arroyo del SILLO. Todo el río**  
**ES-74cf** **Species of interest**  
1133 *Anaecypris hispanica*

**Arroyo del Sotillo, Santa Eufemia**  
**ES-191RF**

### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

**Arroyo del Tallón, Tallón Bajo**  
**ES-524**

### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

**Arroyo Grande, Alamillo**  
**ES-499**

### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

**Arroyo Guadalora, Hornachuelos**  
**ES-156RF**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Arroyo Guadamora, Torrecampo**  
**ES-193RF**

### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

**Arroyo Laguna Rota, Garrovillas**  
**ES-434**

### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

**Arroyo Lenguinetze, Amorebieta-Echano**  
**ES-039RF**

### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

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### Arroyo Mariana, El Pedroso

ES-152RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

### Arroyo Martín Gonzalo, Montoro

ES-475

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

### Arroyo Masacán, Constantina

ES-133RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

### Arroyo Navalacienda, Torrecampo

ES-194RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

### Arroyo Navalengua, Torrecampo

ES-195RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

### Arroyo Parejo, Adamuz

ES-472

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

### Arroyo Pasaderas, San Benito

ES-501

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

### Arroyo Pedregosa, Almadén de la Plata

ES-485

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

### Arroyo Quejigo and Rivera de Cala, Santa Olalla de Cala

ES-486

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

### Arroyo Riomaio

ES-613

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Arroyo Robledo de las Ollas, Fuencaliente

ES-447

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

### Arroyo Salado, Malá

ES-701

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

### Arroyo Salado, Porcuna

ES-480

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

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**Arroyo Tamujar, Valsequillo**  
**ES-184**

### **Habitats of Interest**

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

**Arroyo Tamujoso, Cazalla de la Sierra**  
**ES-154RF**

### **Habitats of Interest**

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

**Arroyo Tamujoso, Peñalsordo**  
**ES-429**

### **Habitats of Interest**

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

**Arroyo Tamujoso, Puebla de los Infantes**  
**ES-148RF**

### **Habitats of Interest**

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

**Arroyo Tamujoso, San Benito**  
**ES-500**

### **Habitats of Interest**

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

**Arroyo Tomilloso, Obejo**  
**ES-177RF**

### **Habitats of Interest**

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

**Arroyo Vado Hondo, La Ganchosa**  
**ES-482**

### **Habitats of Interest**

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

**Arroyocampo-Aguafresca, Zalamea de la Serena**  
**ES-437**

### **Habitats of Interest**

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

**Arroyos de Carlangas and Sapina, Luarca**  
**ES-207RF**

### **Habitats of Interest**

91E0 Residual alluvial forests (Alnion)

**Arroyos de la Parrilla, Viñuela and Ríofrío, Adamuz**  
**ES-471**

### **Habitats of Interest**

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

**Arroyos de la Villa and la Dehesa, Constantina**  
**ES-150RF**

### **Habitats of Interest**

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

**Arroyos Huevo, Canuto, and Posada Blanca, Jimena de la Frontera**  
**ES-706**

### **Habitats of Interest**

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

**Arroyos Mariñán and Pucheiros**  
**ES-606**

### **Habitats of Interest**

91E0 Residual alluvial forests (Alnion)

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### Arroyos Tamujosillo and Tamujoso, Adamuz ES-174RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

### As Catedrais ES138

#### Habitats of Interest

4040 Dry coastal heaths with *Erica vagans* and *Ulex*

### ASÓN. Arredondo-Desembocadura

ES-80cf **Species of interest**  
1106 *Salmo salar*

### Aznalcazar

ES-LI11 **Species of interest**  
1362 *Lynx pardina*

### Barayo

ES142

#### Habitats of Interest

4040 Dry coastal heaths with *Erica vagans* and *Ulex*

### Barbate

ES122

#### Habitats of Interest

2270 Wooded dunes with *Pinus pinea* and/or *Pinus*

### Barranc d'Ars, Valls de Valira

ES-079RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Barranco de Chousa and Río Sardiñeiro

ES-596

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Barranco de Coma Sarrera, Soriguera

ES-085RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Barranco de Endirilla, Ausejo

ES-319RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

### Barranco de Escariella-Riu Escrita, Espot

ES-087RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Barranco de Gallinera, Benirrama

ES-282RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

### Barranco de Katxamoiano, Zuya

ES-040RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

### Barranco de la Miel, Río de la Miel

ES-678

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

### Barranco de la Venta, Villar del Pedroso

ES-011RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

## SPAIN

### **Barranco de la Viuda, Las Arripas**

**ES-445**

#### **Habitats of Interest**

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### **Barranco de las Navas, Beires**

**ES-451**

#### **Habitats of Interest**

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### **Barranco de les Comes de Rubio, Soriguera**

**ES-084RF**

#### **Habitats of Interest**

91E0 Residual alluvial forests (Alnion)

### **Barranco de Millolís, Farrera**

**ES-076RF**

#### **Habitats of Interest**

91E0 Residual alluvial forests (Alnion)

### **Barranco de Mira, Tauste, Tres montes**

**ES-211RF**

#### **Habitats of Interest**

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### **Barranco de Murumendi, Bidegoian**

**ES-041RF**

#### **Habitats of Interest**

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### **Barranco de Pascual Pérez, Santa Olalla de Cala**

**ES-487**

#### **Habitats of Interest**

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### **Barranco del Arch**

**ES-28Fst**

Mesogean

leucodermis

#### **Habitats of Interest**

9540 Mediterranean pine forests with endemic pines, including *Pinus mugo* and *Pinus*

### **Barranco del Girón, Guájar Alto**

**ES-684**

#### **Habitats of Interest**

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### **Barranco del Serratillo, Alhama de Almería**

**ES-525**

#### **Habitats of Interest**

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### **Barranco Malo, Valdelarco**

**ES-496**

#### **Habitats of Interest**

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### **Barranco Pujola, Vilajuiga**

**ES-093RF**

#### **Habitats of Interest**

91E0 Residual alluvial forests (Alnion)

### **Barrancos de Benaia, Benaia, Margarida**

**ES-290RF**

#### **Habitats of Interest**

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

## SPAIN

### Bayas-La Deva

ES143

#### Habitats of Interest

4040 Dry coastal heaths with *Erica vagans* and *Ulex*

### Bembézar

ES-LI16

#### Species of interest

1362 *Lynx pardina*

### BEMBEZAR. Azuága-Cola del embalse de Bembezar

ES-85cf

#### Species of interest

1133 *Anaecypris hispanica*

### Benasque

ES197

#### Habitats of Interest

6510 Lowland hay meadows (*Alopecurus pratensis*, *Sanguisorba officianalis*)

### Benasque-Sahún

ES86

#### Habitats of Interest

9430 *Pinus uncinata* forests (\*on gypsum or limestone)

### BIDASOA. Elizondo-Desembocadura

ES-92cf

#### Species of interest

1106 *Salmo salar*

### Bisaurri

ES198

#### Habitats of Interest

6510 Lowland hay meadows (*Alopecurus pratensis*, *Sanguisorba officianalis*)

### Cabañeros

ES-LI68

#### Species of interest

1362 *Lynx pardina*

### Cabecera del Duratón

ES-MM7

#### Species of interest

1355 *Lutra lutra*

### Cabecera del Noguera Pallaresa y afluentes

ES-AM2

#### Species of interest

1355 *Lutra lutra*

### Cabecera del Río Moros

ESMM8

#### Species of interest

1355 *Lutra lutra*

### Cabo de Trafalgar

ES123

#### Habitats of Interest

2270 Wooded dunes with *Pinus pinea* and/or *Pinus*

### Cabo Peñas

ES144

#### Habitats of Interest

4040 Dry coastal heaths with *Erica vagans* and *Ulex*

### Cabo Roche

ES121

#### Habitats of Interest

2270 Wooded dunes with *Pinus pinea* and/or *Pinus*

### Cabo Udra

ES127

#### Habitats of Interest

4040 Dry coastal heaths with *Erica vagans* and *Ulex*

## SPAIN

### Cadaques, Junquet

ES-101RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Cala dels Alocs, Ferreries

ES-461

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Cala Galdana

ES-25Fst

Mesogean

leucodermis

#### Habitats of Interest

9540 Mediterranean pine forests with endemic pines, including *Pinus mugo* and *Pinus*

### Caleruega-Sierra de las Mamblas

ES-110Fst

#### Habitats of Interest

9560 Endemic Mediterranean forests with *Juniperus* spp.

### Caló-La Mola

ES-26Fst

Mesogean

leucodermis

#### Habitats of Interest

9540 Mediterranean pine forests with endemic pines, including *Pinus mugo* and *Pinus*

### Campo de Montiel

ES-119Fst

#### Habitats of Interest

9560 Endemic Mediterranean forests with *Juniperus* spp.

### Campo de Montiel, Sierra de Alcaraz

ES69

#### Species of interest

1065 *Euphydrias aurinia*

### Canales y arrozales de Alfarrás

ES165

#### Habitats of Interest

3290 Intermittently flowing Mediterranean rivers

### Canales y lagunas de Pals

ES159

#### Habitats of Interest

3290 Intermittently flowing Mediterranean rivers

### Candeleda

ES-LI45

#### Species of interest

1362 *Lynx pardina*

### Canet de Mar, Cal Misser

ES-105RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Cap de Cala Figuera

ES23

#### Species of interest

1219 *Testudo graeca*

### CARES. Las Arenas-Cares Deva

ES-110cf

#### Species of interest

1106 *Salmo salar*

### CARES-DEVA. Todo el río

ES-109cf

#### Species of interest

1106 *Salmo salar*

## SPAIN

### Carnota Monte Pindo

ES130

### Habitats of Interest

4040 Dry coastal heaths with *Erica vagans* and *Ulex*

### CASAÑO. Todo el río

ES-113cf

### Species of interest

1106 *Salmo salar*

### Castrojimeno

ES-187Fst

### Habitats of Interest

9560 Endemic Mediterranean forests with *Juniperus* spp.

### Cedillo

ES-LI47

### Species of interest

1362 *Lynx pardina*

### Centelles

ES-32Fst

### Habitats of Interest

9540 Mediterranean pine forests with endemic pines, including *Pinus mugo* and *Pinus*

Mesogean

leucodermis

### Cerdaña

ES203

### Habitats of Interest

6510 Lowland hay meadows (*Alopecurus pratensis*, *Sanguisorba officianalis*)

### Cerrato (Río Franco)

ES-111Fst

### Habitats of Interest

9560 Endemic Mediterranean forests with *Juniperus* spp.

### Chillón

ES-LI67

### Species of interest

1362 *Lynx pardina*

### Cijara

ES-LI37

### Species of interest

1362 *Lynx pardina*

### Cilleros

ES-LI44

### Species of interest

1362 *Lynx pardina*

### Cinca-Vellós-Cinqueta-Escuin

ES-AM3

### Species of interest

1355 *Lutra lutra*

### Comarca de Luna

ES-109Fst

### Habitats of Interest

9560 Endemic Mediterranean forests with *Juniperus* spp.

### Complejo Ésera-Isábena

ES-AM1

### Species of interest

1355 *Lutra lutra*

### Complejo húmedo de Corrubedo

ES129

### Habitats of Interest

4040 Dry coastal heaths with *Erica vagans* and *Ulex*

### Complejo Ons-Grove

ES128

### Habitats of Interest

4040 Dry coastal heaths with *Erica vagans* and *Ulex*

## SPAIN

### Corredor de Guadalquivir

**ES-LI58**      **Species of interest**  
1362      *Lynx pardina*

### Corredor de Muela

**ES-LI63**      **Species of interest**  
1362      *Lynx pardina*

### Corredor de Pajares

**ES-Oso12**      **Species of interest**  
1354      *Ursus arctos*

### Corredor de Pajares

**ES-Oso12.02**      **Species of interest**  
1354      *Ursus arctos*

### Corredor de Santa Eufemia

**ES-LI59**      **Species of interest**  
1362      *Lynx pardina*

### Cortijo del Americano, Obejo

**ES-173RF**

### Habitats of Interest

92D0      Thermo-Mediterranean riparian galleries  
(*Nerio-Tamariceteae*) and south-west Iberian

### Costa Artabra

**ES135**

### Habitats of Interest

4040      Dry coastal heaths with *Erica vagans* and *Ulex*

### Costa da Vela

**ES126**

### Habitats of Interest

4040      Dry coastal heaths with *Erica vagans* and *Ulex*

### Costa de Dexo

**ES134**

### Habitats of Interest

4040      Dry coastal heaths with *Erica vagans* and *Ulex*

### Costa de Doñana

**ES-LA2**      **Species of interest**  
1355      *Lutra lutra*

### Costa de la Muerte, centro

**ES132**

### Habitats of Interest

4040      Dry coastal heaths with *Erica vagans* and *Ulex*

### Costa de la Muerte, este

**ES133**

### Habitats of Interest

4040      Dry coastal heaths with *Erica vagans* and *Ulex*

### Costa de la Muerte, oeste

**ES131**

### Habitats of Interest

4040      Dry coastal heaths with *Erica vagans* and *Ulex*

### Costa de Lueca

**ESMM23**      **Species of interest**  
1351      *Phocoena phocoena*

### Costa norte de La Coruña

**ES-LA6**      **Species of interest**  
1355      *Lutra lutra*

### Costa Occidental de Asturias y Costa de Lugo (Rías)

**ESLA3**      **Species of interest**  
1355      *Lutra lutra*

## SPAIN

### Costa oeste de La Coruña Norte

**ES-LA7**                      **Species of interest**  
1355      Lutra lutra

### Costa oeste de La Coruña sur

**ESLA8**                      **Species of interest**  
1355      Lutra lutra

### Coto del Rey

**ES-LI10**                      **Species of interest**  
1362      Lynx pardina

### COVADONGA. Todo el río

**ES-130cf**                      **Species of interest**  
1106      Salmo salar

### CR, Charca crta km18, Valdepeñas (30SVH5296)

**ES-273**                      **Habitats of Interest**  
3170      Mediterranean temporary ponds

### CR, Charca, Moral de Calatrava (30SVH5594)

**ES-271**                      **Habitats of Interest**  
3170      Mediterranean temporary ponds

### CR, Laguna Camacha, Alcolea de Calatrava (30SVJ0320)

**ES-265**                      **Habitats of Interest**  
3170      Mediterranean temporary ponds

### CR, Laguna Carrizosa, Cabezarados (30SUJ9200)

**ES-274**                      **Habitats of Interest**  
3170      Mediterranean temporary ponds

### CR, Laguna de la Dehesa, Cabezarados (30SUJ8702)

**ES-277**                      **Habitats of Interest**  
3170      Mediterranean temporary ponds

### CR, Navajo del Cerro Pelado, Villamayo de Calatrava (30SUH9693)

**ES-272**                      **Habitats of Interest**  
3170      Mediterranean temporary ponds

### Cuenca del Guadalquivir

**ESMM10**                      **Species of interest**  
1355      Lutra lutra

### Cuenca del Río Ebo, Fleix

**ES-296RF**                      **Habitats of Interest**  
92D0      Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

### Cuenca Rivera de Huelva, Cortelazor

**ES-495**                      **Habitats of Interest**  
92D0      Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

### Cuencas del Muga, Fluvià i Aiguamolls de l'Empordà

**ES-LM1**                      **Species of interest**  
1355      Lutra lutra

### Cumbres Mayores

**ES-LI3**                      **Species of interest**  
1362      Lynx pardina

### Dañanor

**ES-LI65**                      **Species of interest**  
1362      Lynx pardina

## SPAIN

### de la MAREA. Todo el río

**ES-132cf** **Species of interest**  
1106 *Salmo salar*

### Debesa de Saga, Ger

**ES-074RF**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Desembocadura del Guadiana y el Chanza

**ESLA5** **Species of interest**  
1355 *Lutra lutra*

### DEVA. Desfiladero de la Hermida-Río Cares Deva

**ES-137cf** **Species of interest**  
1106 *Salmo salar*

### DEZA. Lalín-Río Ulla

**ES-140cf** **Species of interest**  
1106 *Salmo salar*

### Doñana

**ES20** **Species of interest**  
1219 *Testudo graeca*

### Dosrius, Torrent de Can Mora

**ES-116**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Duero-Ucero rivers

**ES-MM15** **Species of interest**  
1355 *Lutra lutra*

### Dunas de Doñana

**ES117**

### Habitats of Interest

2270 Wooded dunes with *Pinus pinea* and/or *Pinus*

### Dunas de Guardamar

**ES114**

### Habitats of Interest

2270 Wooded dunes with *Pinus pinea* and/or *Pinus*

### Dunas de Liencres y Estuario del Pas

**ES147**

### Habitats of Interest

4040 Dry coastal heaths with *Erica vagans* and *Ulex*

### Ebro and Nola rivers

**ES-MT11** **Species of interest**  
1355 *Lutra lutra*

### Ebro river

**ES-MT16** **Species of interest**  
1355 *Lutra lutra*

### Ega-Urederra rivers

**ES-MT14** **Species of interest**  
1355 *Lutra lutra*

### El Cerezo, Navalvillar de Ibor

**ES-014RF**

### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### El Prat

**ES116**

### Habitats of Interest

2270 Wooded dunes with *Pinus pinea* and/or *Pinus*

## SPAIN

### El Turbón

ES80

#### Habitats of Interest

9430 Pinus uncinata forests (\*on gypsum or limestone)

### El Zegrí

ES-LI30

#### Species of interest

1362 Lynx pardina

### Encinasola

ES-LI5

#### Species of interest

1362 Lynx pardina

### EO. A Pontenova-Desembocadura

ES-165cf

#### Species of interest

1106 Salmo salar

### Escarpe de Mazarrón

ESRM1

#### Species of interest

1224 Caretta caretta

### Escuaín

ES16

#### Habitats of Interest

9180 Tilio-Acerion ravine forests

### Esla-Porma rivers

ES-MT13

#### Species of interest

1355 Lutra lutra

### ESQUEIRO Todo el río

ES-175cf

#### Species of interest

1106 Salmo salar

### Estaca de Bares

ES137

#### Habitats of Interest

4040 Dry coastal heaths with Erica vagans and Ulex

### Estel de Fora y Estel de Cols

ES31

#### Species of interest

1265 Podarcis lilfordi

### ESTENA. Todo el río

ES-177cf

#### Species of interest

1133 Anaecypris hispanica

### ESTENILLA. Todo el río

ES-178cf

#### Species of interest

1133 Anaecypris hispanica

### Estrecho de Gibraltar y Ceuta

ESRM9

#### Species of interest

1224 Caretta caretta  
1351 Phocoena phocoena

### ESVA. Todo el río

ES-183cf

#### Species of interest

1106 Salmo salar

### EUME. Aguas abajo del embalse del Eume-Desembocadura

ES-184cf

#### Species of interest

1106 Salmo salar

### Eviste, Sahún

ES13

#### Habitats of Interest

9180 Tilio-Acerion ravine forests

## SPAIN

### Frejulfe

ES141

#### Habitats of Interest

4040 Dry coastal heaths with *Erica vagans* and *Ulex*

### FRESNEDOSO. Todo el río

ES-191cf

#### Species of interest

1133 *Anaocypris hispanica*

### Fuencaliente

ES-LI62

#### Species of interest

1362 *Lynx pardina*

### Fuentebravía

ES118

#### Habitats of Interest

2270 Wooded dunes with *Pinus pinea* and/or *Pinus*

### Fuentes del Narcea y del Ibias A

ES-Oso4.1

#### Species of interest

1354 *Ursus arctos*

### Fuentes del Narcea y del Ibias B norte

ES-Oso4.2

#### Species of interest

1354 *Ursus arctos*

### Garganta de Alardos, Candeleda

ES-216RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Garganta de las Lanchas, Robledo del Mazo

ES-021RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Garganta de Santa María and Arroyo de las Palas, Candeleda

ES-004RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Garganta de Santa María, Candeleda

ES-003RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Garganta del Mesto, Villar del Pedroso

ES-012RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)  
92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Garganta Fría, Almadén de la Plata

ES-483

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Garganta Salóbriga, Navalvillar de Ibor

ES-013RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)  
92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Garganta Solana and Río Berzocana

ES-015RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

## SPAIN

### Ge, Bassa de la Cardonera, S. Climent Sescebes (31TDG9894)

ES-165

#### Habitats of Interest

3170 Mediterranean temporary ponds

### Ge, Bassa Serrat Garrigues, S. Climent Sescebes (31TDG9691)

ES-164

#### Habitats of Interest

3170 Mediterranean temporary ponds

### GÉVORA. Todo el río

ES-200cf

#### Species of interest

1133 *Anaecypris hispanica*

### Gibraleón

ES-LI49

#### Species of interest

1362 *Lynx pardina*

### Granadilla

ES-LI41

#### Species of interest

1362 *Lynx pardina*

### Guadalimar

ES-LI66

#### Species of interest

1362 *Lynx pardina*

### Guadalmellato

ES-LI19

#### Species of interest

1362 *Lynx pardina*

### Guadalmena

ES-LI26

#### Species of interest

1362 *Lynx pardina*

### Guadalmez

ES-LI60

#### Species of interest

1362 *Lynx pardina*

### Guadalmez, Higuera de la Serena-Medellín

ES-231f

#### Species of interest

1133 *Anaecypris hispanica*

### Guadiana

ES-LI34

#### Species of interest

1362 *Lynx pardina*

### Guadiato

ES-LI18

#### Species of interest

1362 *Lynx pardina*

### Guadiato-Bembézar

ES-LI57

#### Species of interest

1362 *Lynx pardina*

### Herrera del Duque

ES-LI38

#### Species of interest

1362 *Lynx pardina*

### Hinojos

ES-LI53

#### Species of interest

1362 *Lynx pardina*

### Hoz de Beteta

ES8

#### Habitats of Interest

9180 Tilio-Acerion ravine forests

## SPAIN

### Hoz Seca, Peralejos de las Truchas

ES9

#### Habitats of Interest

9180 Tilio-Acerion ravine forests

### Hu, El Basa, Ballovar (31TBG6111)

ES-125

#### Habitats of Interest

3170 Mediterranean temporary ponds

### Humedales de Doñana y entornos

ES-LL1

#### Species of interest

1355 Lutra lutra

### Irati-Urrobi rivers

ES-MM20

#### Species of interest

1355 Lutra lutra

### Iregua river

ES-MM19

#### Species of interest

1355 Lutra lutra

### Isla de L'Esponge

ES30

#### Species of interest

1265 Podarcis lilfordi

### Isla del Aire

ES24

#### Species of interest

1265 Podarcis lilfordi

### Isla Dragonera

ES34

#### Species of interest

1265 Podarcis lilfordi

### Isla Malgrats e Islote de los Conejos

ES35

#### Species of interest

1265 Podarcis lilfordi

### Isla Na Forada

ES32

#### Species of interest

1265 Podarcis lilfordi

### Isla Na Plana

ES40

#### Species of interest

1265 Podarcis lilfordi

### Isla Na Pobra

ES41

#### Species of interest

1265 Podarcis lilfordi

### Isla Nitge

ES33

#### Species of interest

1265 Podarcis lilfordi

### Isla Toro

ES44

#### Species of interest

1265 Podarcis lilfordi

### Islas Addaya Gran, Addaya Petita e Islote de Ses Mones

ES25

#### Species of interest

1265 Podarcis lilfordi

### Islas Balears

ES-RM1

#### Species of interest

1224 Caretta caretta

## SPAIN

### Islas Blesas

ES39

#### Species of interest

1265 Podarcis lilfordi

### Islas Chafarinas

ES-MM10

#### Species of interest

1366 Monachus monachus

### Islas Cíes

ES125

#### Habitats of Interest

4040 Dry coastal heaths with Erica vagans and Ulex

### Islas de Cabrera, Fonoi Gros, Fonoi Petit y Ses Rates

ES38

#### Species of interest

1265 Podarcis lilfordi

### Islas de Colom y Hospital

ES26

#### Species of interest

1265 Podarcis lilfordi

### Islas de la Guardia, Moltona y Frailes

ES37

#### Species of interest

1265 Podarcis lilfordi

### Islas des Conis y Na Redonda

ES29

#### Species of interest

1265 Podarcis lilfordi

### Islas Estelas

ES124

#### Habitats of Interest

4040 Dry coastal heaths with Erica vagans and Ulex

### Islas Xapat Gros, Xapat Petit y Teula

ES45

#### Species of interest

1265 Podarcis lilfordi

### Islote de Porros

ES42

#### Species of interest

1265 Podarcis lilfordi

### Islote de Sargantana

ES43

#### Species of interest

1265 Podarcis lilfordi

### Islote D'Es Colom

ES28

#### Species of interest

1265 Podarcis lilfordi

### Islote Imperial

ES36

#### Species of interest

1265 Podarcis lilfordi

### Islotes Codrell

ES27

#### Species of interest

1265 Podarcis lilfordi

### Jaizquibel

ES151

#### Habitats of Interest

4040 Dry coastal heaths with Erica vagans and Ulex

### La Liébana

ES60

#### Species of interest

1065 Euphydryas aurinia

## SPAIN

### La Rocina

**ES-LI52**                      **Species of interest**  
1362      Lynx pardina

### Laderas del Cadi (este)

**ES202**

#### Habitats of Interest

6510      Lowland hay meadows (*Alopecurus pratensis*,  
*Sanguisorba officianalis*)

### Laderas del Cadi (oeste)

**ES201**

#### Habitats of Interest

6510      Lowland hay meadows (*Alopecurus pratensis*,  
*Sanguisorba officianalis*)

### Laguna de Gredos y corredores

**ES-LL3**                      **Species of interest**  
1355      Lutra lutra

### LANDRÓ. Todo el río

**ES-300cf**                      **Species of interest**  
1106      Salmo salar

### Larra-Aztaparreta

**ES-Oso13.1**                      **Species of interest**  
1354      Ursus arctos

### Las Batuecas, Sierra de Francia

**ES56**                      **Species of interest**  
1065      Euphydryas aurinia

### LAS CABRAS. Todo el río

**ES-301cf**                      **Species of interest**  
1106      Salmo salar

### Las Guillerías

**ES-91**

#### Habitats of Interest

9180      Tilio-Acerion ravine forests

### Las Villas

**ES-LI27**                      **Species of interest**  
1362      Lynx pardina

### Las Villuercas

**ES-LI39**                      **Species of interest**  
1362      Lynx pardina

### Las Viniegras, Orillas del Río Urbión

**ES7**

#### Habitats of Interest

9180      Tilio-Acerion ravine forests

### Le, Laguna Amor, Valdemora (30TTM9675)

**ES-059**

#### Habitats of Interest

3170      Mediterranean temporary ponds

### Le, Laguna de Valdecarros, Matanza (30TUM0678)

**ES-058**

#### Habitats of Interest

3170      Mediterranean temporary ponds

### Le, Laguna del Redos, El Burgo Ranero (30TUN1705)

**ES-062**

#### Habitats of Interest

3170      Mediterranean temporary ponds

### Le, Lagunas de Chozas, Chozas de Abajo (30TTN7711)

**ES-065**

#### Habitats of Interest

3170      Mediterranean temporary ponds

## SPAIN

### LÉREZ. Cercedo-Desembocadura

**ES-302cf**                      **Species of interest**  
1106      Salmo salar

### LIÑARES. Todo el río

**ES-304cf**                      **Species of interest**  
1106      Salmo salar

### Llança, La Valleta

**ES-099RF**

#### **Habitats of Interest**

92D0      Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

### Llavorsí

**ES-075RF**

#### **Habitats of Interest**

91E0      Residual alluvial forests (Alnion

### M, Embalse de Santillana, Manzanares el Real (30TVL3009)

**ES-191**

#### **Habitats of Interest**

3170      Mediterranean temporary ponds

### Mancomunidad de Canales de la Sª., Mansilla-Villavelayo

**ES-043RF**

#### **Habitats of Interest**

92D0      Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

### MANDEO. Todo el río

**ES-316cf**                      **Species of interest**  
1106      Salmo salar

### Maranchón-La Ina

**ES-115Fst**

#### **Habitats of Interest**

9560      Endemic Mediterranean forests with Juniperus spp.

### Marismas de Barbate

**ES-LA4**                      **Species of interest**  
1355      Lutra lutra

### Marismas de Noja-Santoña

**ES149**

#### **Habitats of Interest**

4040      Dry coastal heaths with Erica vagans and Ulex

### MASMA. Todo el río

**ES-327cf**                      **Species of interest**  
1106      Salmo salar

### Massis de L'Albera

**ES-92**

#### **Habitats of Interest**

9180      Tilio-Acerion ravine forests

### MATACHEL. Sierra Velita-Embalse de Alange

**ES-331cf**                      **Species of interest**  
1133      Anaecypris hispanica

### Membrío

**ES-ES74**                      **Species of interest**  
1362      Lynx pardina

### MERA. Todo el río

**ES-337cf**                      **Species of interest**  
1106      Salmo salar

### MIERA. Todo el río

**ES-342cf**                      **Species of interest**  
1106      Salmo salar



## SPAIN

### Montaña Palentina B

ES-Oso9.2

#### Species of interest

1354 Ursus arctos

### Monte de El Pardo

ES65

#### Species of interest

1065 Euphydryas aurinia

### Monte de Los Belgas

ES78

#### Species of interest

1065 Euphydryas aurinia

### Monte Izarraitz

ES12

#### Habitats of Interest

9180 Tilio-Acerion ravine forests

### Monte Muniellos

ES6

#### Species of interest

1086 Cucujus cinnaberinus

### Montejo de Tielmes

ES-113Fst

#### Habitats of Interest

9560 Endemic Mediterranean forests with Juniperus spp.

### Montes de Oca

ES51

#### Species of interest

1065 Euphydryas aurinia

### Montes de Ordunte

ES46

#### Species of interest

1065 Euphydryas aurinia

### Montes de Picaza

ES-116Fst

#### Habitats of Interest

9560 Endemic Mediterranean forests with Juniperus spp.

### Montes Universales (Casas de Bucar)

ES194

#### Habitats of Interest

6510 Lowland hay meadows (Alopecurus pratensis, Sanguisorba officianalis)

### Montes Universales (El Villarejo)

ES195

#### Habitats of Interest

6510 Lowland hay meadows (Alopecurus pratensis, Sanguisorba officianalis)

### Moral de Hornuez-Montejo de la Vega

ES-114Fst

#### Habitats of Interest

9560 Endemic Mediterranean forests with Juniperus spp.

### Mudela

ES-LI24

#### Species of interest

1362 Lynx pardina

### Muela de Cortes de Pallas-Sierra de Martés-Sierra del Boquerón.

ES-27Fst

#### Habitats of Interest

9540 Mediterranean pine forests with endemic pines, including Pinus mugo and Pinus

Mesogean

leucodermis

## SPAIN

### MURTIGA. Todo el río

**ES-353cf** **Species of interest**  
1133 *Anaecypris hispanica*

### Nacedero del Urederra

**ES11** **Habitats of Interest**  
9180 Tilio-Acerion ravine forests

### Najerilla river

**ES-MM18** **Species of interest**  
1355 *Lutra lutra*

### NALÓN. Peñaflor-Desembocadura

**ES-356cf** **Species of interest**  
1106 *Salmo salar*

### NANSA. Aguas abajo del embalse de La Palombera-Desembocadura

**ES-357cf** **Species of interest**  
1106 *Salmo salar*

### NARCEA. Aguas abajo del embalse de La Barca-Río Nalón

**ES-358cf** **Species of interest**  
1106 *Salmo salar*

### NAVIA. Aguas abajo del embalse de Dorias-Desembocadura

**ES-360cf** **Species of interest**  
1106 *Salmo salar*

### NEGRO. Todo el río

**ES-362cf** **Species of interest**  
1106 *Salmo salar*

### Noguera Ribagorzana medio

**ES-MM1** **Species of interest**  
1355 *Lutra lutra*

### O, Turbera de Llano Roñances (30TUP6403)

**ES-29bg** **Habitats of Interest**  
7120 Degraded raised bogs (still capable of

regeneration)

### Ordesa, Añisclo

**ES4** **Species of interest**  
1902 *Cypripedium calceolus*

### ORO. Todo el río

**ES-374cf** **Species of interest**  
1106 *Salmo salar*

### Ortigueira Mera

**ES136** **Habitats of Interest**  
4040 Dry coastal heaths with *Erica vagans* and *Ulex*

### Osor, Baier

**ES-024RF** **Habitats of Interest**  
92D0 Thermo-Mediterranean riparian galleries  
(*Nerio-Tamariceteae*) and south-west Iberian

### Osor, Can Verbolades

**ES-025RF** **Habitats of Interest**  
92D0 Thermo-Mediterranean riparian galleries  
(*Nerio-Tamariceteae*) and south-west Iberian

## SPAIN

### Pals

#### ES115

### Parameras de Molina

#### ES-75

Mesogean

leucodermis

### PAS. Todo el río

#### ES-381cf

#### Species of interest

1106 Salmo salar

### Paymogo

#### ES-LI50

#### Species of interest

1362 Lynx pardina

### Peñarredonda

#### ES140

### PEREIRO. Todo el río

#### ES-385cf

#### Species of interest

1106 Salmo salar

### Picón

#### ES-LI33

#### Species of interest

1362 Lynx pardina

### PIGÜEÑA. Todo el río

#### ES-387cf

#### Species of interest

1106 Salmo salar

### PILOÑA. Todo el río

#### ES-388cf

#### Species of interest

1106 Salmo salar

### Pinar de Tabuyo

#### ES-77

Mesogean

leucodermis

### Pinares de Bureba (Oña)

#### ES-76

Mesogean

leucodermis

### Pinares de Cuéllar

#### ES-78

Mesogean

leucodermis

### Pinares de Losa

#### ES79

#### Species of interest

1065 Euphydryas aurinia

#### Habitats of Interest

2270 Wooded dunes with Pinus pinea and/or Pinus

#### Habitats of Interest

9540 Mediterranean pine forests with endemic

pinus, including Pinus mugo and Pinus

#### Habitats of Interest

4040 Dry coastal heaths with Erica vagans and Ulex

#### Habitats of Interest

9540 Mediterranean pine forests with endemic

pinus, including Pinus mugo and Pinus

#### Habitats of Interest

9540 Mediterranean pine forests with endemic

pinus, including Pinus mugo and Pinus

#### Habitats of Interest

9540 Mediterranean pine forests with endemic

pinus, including Pinus mugo and Pinus

## SPAIN

### Plataforma Continental de Doñana

**ESMM11**                      **Species of interest**  
1351              Phocoena phocoena

### Plataforma continental de Granada

**ES-RM6**                      **Species of interest**  
1224              Caretta caretta

### Plataforma Continental de Málaga

**ES-RM4**                      **Species of interest**  
1224              Caretta caretta

### Plataforma frente a Barbate

**ES-RM5**                      **Species of interest**  
1224              Caretta caretta

### PONGA. Todo el río

**ES-393cf**                      **Species of interest**  
1106              Salmo salar

### PORCIA. Todo el río

**ES-394cf**                      **Species of interest**  
1106              Salmo salar

### Port de de la Selva

**ES-100RF**

#### Habitats of Interest

92D0              Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

### Port de la Selva, Cala Tamariua

**ES-102RF**

#### Habitats of Interest

92D0              Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

### Prades

**ES-93**

#### Habitats of Interest

9180              Tilio-Acerion ravine forests

### Proaza-Macizo de las Ubiñas

**ES-Oso7**                      **Species of interest**  
1354              Ursus arctos

### Puente de San Pedro, Zaorejas

**ES10**

#### Habitats of Interest

9180              Tilio-Acerion ravine forests

### Puerto Lápice Estena

**ES-LI32**                      **Species of interest**  
1362              Lynx pardina

### Puerto Real

**ES120**

#### Habitats of Interest

2270              Wooded dunes with Pinus pinea and/or Pinus

### Puigforniu, Soriguera

**ES-086RF**

#### Habitats of Interest

91E0              Residual alluvial forests (Alnion)

### PURÓN. Todo el río

**ES-398cf**                      **Species of interest**  
1106              Salmo salar

### QUEJIGARES. Todo el río

**ES-401cf**                      **Species of interest**

## SPAIN

1133 Anaecypris hispanica

**Rambla de Aguamarga**  
**ES177**

### Habitats of Interest

3290 Intermittently flowing Mediterranean rivers

**Rambla de Albudeite**  
**ES183**

### Habitats of Interest

3290 Intermittently flowing Mediterranean rivers

**Rambla de Alcázar, Alcázar**  
**ES-689**

### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

**Rambla de Cantalar**  
**ES179**

### Habitats of Interest

3290 Intermittently flowing Mediterranean rivers

**Rambla de Caputa**  
**ES181**

### Habitats of Interest

3290 Intermittently flowing Mediterranean rivers

**Rambla de Cinta, Uleila del Campo**  
**ES-526**

### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

**Rambla de la Raja**  
**ES188**

### Habitats of Interest

3290 Intermittently flowing Mediterranean rivers

**Rambla de la Sierra and de los Molinos, Tabernas**  
**ES-522**

### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

**Rambla del Arco**  
**ES182**

### Habitats of Interest

3290 Intermittently flowing Mediterranean rivers

**Rambla del Cantalar, Abanilla**  
**ES-455**

### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

**Rambla del Higueral, Berja**  
**ES-520**

### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

**Rambla del Judío**  
**ES186**

### Habitats of Interest

3290 Intermittently flowing Mediterranean rivers

**Rambla del Moro**  
**ES185**

### Habitats of Interest

3290 Intermittently flowing Mediterranean rivers

**Rambla del Moro, Cieza**  
**ES-456**

### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

## SPAIN

### Rambla del Pilarico

ES180

#### Habitats of Interest

3290 Intermittently flowing Mediterranean rivers

### Rambla del Puerto de la Cadena

ES191

#### Habitats of Interest

3290 Intermittently flowing Mediterranean rivers

### Rambla del Tinajón

ES176

#### Habitats of Interest

3290 Intermittently flowing Mediterranean rivers

### Redes

ES-Oso11

#### Species of interest

1354 *Ursus arctos*

### Regato de Marín, Berroeta

ES-535

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### RETÍN. Todo el río

ES-404cf

#### Species of interest

1133 *Anaecypris hispanica*

### Retortillo

ES-L117

#### Species of interest

1362 *Lynx pardina*

### Returta de Pina y Sierra de Alcabierreina

ES-122Fst

#### Habitats of Interest

9560 Endemic Mediterranean forests with *Juniperus* spp.

### Ría de Ajo

ES148

#### Habitats of Interest

4040 Dry coastal heaths with *Erica vagans* and *Ulex*

### Ría de Gernica, Gernica y Luno, Uarca

ES-219RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Ría de Guernica

ES62

#### Species of interest

1065 *Euphydryas aurinia*

### Ría de Villaviciosa

ES145

#### Habitats of Interest

4040 Dry coastal heaths with *Erica vagans* and *Ulex*

### Ría del Eo

ES139

#### Habitats of Interest

4040 Dry coastal heaths with *Erica vagans* and *Ulex*

### Riachuelos del Cabo de Creus

ES155

#### Habitats of Interest

3290 Intermittently flowing Mediterranean rivers

### Riachuelos del norte de Menorca

ES171

#### Habitats of Interest

3290 Intermittently flowing Mediterranean rivers

### Riaño B oeste

ES-Oso8.2

#### Species of interest

1354 *Ursus arctos*

## SPAIN

### Riaño C

ES-Oso8.3

#### Species of interest

1354 Ursus arctos

### Riaño-Mampodre B este

ES-Oso8.1

#### Species of interest

1354 Ursus arctos

### Rías Bajas

ES-1351MM1

#### Species of interest

1351 Phocoena phocoena

### Rías occidentales y Dunas de Oyambre

ES146

#### Habitats of Interest

4040 Dry coastal heaths with Erica vagans and Ulex

### Riaza

ES52

#### Species of interest

1065 Euphydrias aurinia

### Ribera de Ciudadeja, Las Navas de la Concepción

ES-132RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Ribera de la Garona, Lés, Caneján

ES-055RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion

### Ribera de Santa Coloma, Fogars de Tordera

ES-054RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion

### Ribera Salada, Odén

ES-052RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion

### Riera de Cal Arenes, Villalva Saserra, Dosrius

ES-117RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion

### Riera de Caldes, Sant Viçen de Montalt

ES-106RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Riera de Can Mates, Sant Cebriá de Vallalta

ES-123RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion

### Riera de Can Molines, Sant Sadurní

ES-097RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion

### Riera de Cánovas, Tanagament, Cánoves

ES-048RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion  
92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Riera de Castellfollit

ES167

#### Habitats of Interest

3290 Intermittently flowing Mediterranean rivers

## SPAIN

### Riera de Clarà, Argentona

ES-110RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Riera de Dones d'Aigua, Sant Iscle de Vallalta

ES-122RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Riera de Fuirosos

ES158

#### Habitats of Interest

3290 Intermittently flowing Mediterranean rivers

### Riera de Gualba, Fogas de Monclús

ES-046RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Riera de l'Esparra (St. Pere Cercada), Santa Coloma de Farners

ES-030RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Riera de L'Anyet

ES156

#### Habitats of Interest

3290 Intermittently flowing Mediterranean rivers

### Riera de Mas Riera, Mataró

ES-109RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Riera de Merles, Borreda

ES-062RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Riera de Pineda de Mar

ES-103RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Riera de Pins, Argentona

ES-111RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Riera de Siuret

ES160

#### Habitats of Interest

3290 Intermittently flowing Mediterranean rivers

### Riera de Sobirants, Arenys de Munt

ES-121RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Riera de Vallgorgina-Colsacreu

ES-119RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Riera de Vallvidriera

ES164

#### Habitats of Interest

3290 Intermittently flowing Mediterranean rivers

### Riera del Far, Dosrius

ES-115

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

## SPAIN

**Riera Major, Viladrau**  
**ES-044RF**

**Habitats of Interest**  
91E0 Residual alluvial forests (Alnion)

**Río Aguas, Mojácar**  
**ES-523**

**Habitats of Interest**  
92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

**Río Águeda, Fuenteguinaldo**  
**ES-221RF**

**Habitats of Interest**  
91E0 Residual alluvial forests (Alnion)

**Río Agüera**  
**ES150**

**Habitats of Interest**  
4040 Dry coastal heaths with *Erica vagans* and *Ulex*

**Río Ahio and Soutelo, Pesoz**  
**ES-006RF**

**Habitats of Interest**  
91E0 Residual alluvial forests (Alnion)

**Río Alagón**  
**ES-222RF**

**Habitats of Interest**  
91E0 Residual alluvial forests (Alnion)

**Río Alagón, Torrejoncillo**  
**ES-433**

**Habitats of Interest**  
92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

**Río Albañuelas, Albañuelas**  
**ES-685**

**Habitats of Interest**  
92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

**Río Alberche, Burgohondo**  
**ES-223RF**

**Habitats of Interest**  
91E0 Residual alluvial forests (Alnion)

**Río Alcudia, Alamilla**  
**ES-527**

**Habitats of Interest**  
92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

**Río Algars**  
**ES169**

**Habitats of Interest**  
3290 Intermittently flowing Mediterranean rivers

**Río Alicún, Dehesas de Guadix**  
**ES-662**

**Habitats of Interest**  
92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

**Río Aljucén, Mérida**  
**ES-436**

**Habitats of Interest**  
92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

**Río Aller, Cabañaquinta**  
**ES-529**

**Habitats of Interest**  
91E0 Residual alluvial forests (Alnion)

**Río Almofrei**  
**ES-631**

**Habitats of Interest**  
91E0 Residual alluvial forests (Alnion)

## SPAIN

**Río Almonte, Navazuelas**

**ES-010RF**

### **Habitats of Interest**

91E0 Residual alluvial forests (Alnion)

**Río Altube, Zuya, Casa de Echevarría**

**ES-275RF**

### **Habitats of Interest**

91E0 Residual alluvial forests (Alnion)

**Río Andarax, Alhama de Murcia**

**ES-513**

### **Habitats of Interest**

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

**Río Andarax, Bentarique**

**ES-514**

### **Habitats of Interest**

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

**Río Andarax, Instinción**

**ES-517**

### **Habitats of Interest**

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

**Río Andarax, Santa Fe de Mondéjar**

**ES-515**

### **Habitats of Interest**

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

**Río Anllons, Loureiros-Erbelleira**

**ES-558**

### **Habitats of Interest**

91E0 Residual alluvial forests (Alnion)

**Río Ara, Boltaña-Ainsa, Ainsa**

**ES-227RF**

### **Habitats of Interest**

91E0 Residual alluvial forests (Alnion)

**Río Ara, Fiscal-Broto, Jánovas**

**ES-228RF**

### **Habitats of Interest**

91E0 Residual alluvial forests (Alnion)

**Río Aragón, Artieda**

**ES-230**

### **Habitats of Interest**

91E0 Residual alluvial forests (Alnion)

**Río Aragón, Caparros, Sotos de la Lobera and Sotillo**

**ES-231**

### **Habitats of Interest**

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

**Río Aragón, Puente la Reina de Jaca, Puente La Reina**

**ES-235RF**

### **Habitats of Interest**

91E0 Residual alluvial forests (Alnion)

**Río Araquil, Pamplona**

**ES-540**

### **Habitats of Interest**

91E0 Residual alluvial forests (Alnion)

**Río Aravalle**

**ES-238RF**

### **Habitats of Interest**

91E0 Residual alluvial forests (Alnion)

**Río Arba de Biel, Ejea de los caballeros, Pillué**

**ES-240RF**

### **Habitats of Interest**

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

## SPAIN

### Río Arbillas, Poyales del Hoyo

ES-008RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Río Ardila, Jerez de los Caballeros

ES-424

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Río Ardila, Valverde de Burguillos

ES-425

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Río Arenoso, Cardaña

ES-473

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Río Arga

ES-541

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Arga and barranco Olazas

ES-536

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Arga, Osteriz

ES-538

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Arga, Peralta, Soto de la Muga, right bank

ES-242RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Río Arga, Urtasun

ES-539

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Argos

ES174

#### Habitats of Interest

3290 Intermittently flowing Mediterranean rivers

### Río Arlanza

ES-243RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Arnego and arroyo das Abellas

ES-594

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Arnova, Freixo

ES-646

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Artigas, Bermeo, Magarrolo

ES-277RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Asma, Chantada

ES-595

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

## SPAIN

**Río Avia, upstreams of Alvasellos dam**  
**ES-627**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Ayuda, Condado de Treviño, Pedraza**  
**ES-286RF**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Ballo, Ortigueira**  
**ES-543**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Balouta**  
**ES-574**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Barayo, Luarca**  
**ES-248RF**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Barbantiños**  
**ES-621**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Barraño**  
**ES-624**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Bayas, Cuartango, Sendadiano**  
**ES-249RF**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Bayas, Ribera Alta, Igay**  
**ES-250RF**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Bayas, Zuya, barranco Pedrobaso**  
**ES-280RF**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Bayas, Zuya, barranco Riadorbo**  
**ES-281RF**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Bayas, Zuya, Lukiano**  
**ES-283RF**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Baza, Benamaurel**  
**ES-660**

### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

**Río Becedillas**  
**ES-367**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Belelle and arroyo Regidoiros**  
**ES-554**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Bembézar, Hornachuelos**  
**ES-163RF**

### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

## SPAIN

### Río Benajáraf and arroyo de los Aviones, Villanueva del Rey

ES-169RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Río Benamor

ES172

#### Habitats of Interest

3290 Intermittently flowing Mediterranean rivers

### Río Bibei (headwaters) and arroyo del Rosario

ES-639

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Bidasoa, Berrizaun

ES-533

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Bornova, arroyo condemios-Hiendelaencina

ES-400

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Búbal, final zone

ES-602

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Cabrilla, Villaviciosa de Córdoba

ES-143RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Río Cadí, Cava

ES-066RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Camba, end section, immediately upstream of Cao dam

ES-640

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Canló

ES-555

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Carboneras, Llano de Don Diego

ES-521

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Río Cares, Caldevilla

ES-349RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Carrión y Afluentes

ESMM14

#### Species of interest

1355 *Lutra lutra*

### Río Carrión, Alisedas de Saldaña

ES-361

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Carrión, entorno de Rivas de Campos.

ES-362

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Carvallo, end section

ES-633

#### Habitats of Interest

## SPAIN

**Río Castelbó, Montferrer-Castelbó**  
**ES-082RF**

91E0 Residual alluvial forests (Alnion)

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Cega, Cuéllar**  
**ES-209RF**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Cerc, Alecs-Cerc**  
**ES-064RF**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Cereceda, Fuencaliente**  
**ES-200RF**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Cervantes, Cela-Navia river**  
**ES-573**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Chico, Virgen del Carmen**  
**ES-519**

### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

**Río Cinca, Monzón, Albalate de Cinca**  
**ES-268**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Cinca, Torrente de Cinca, Massalcorreig**  
**ES-058RF**

### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

**Río Cofio**  
**ES-409**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Conso, upstream of Vilariño de Conso**  
**ES-641**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Cuervo, headwaters**  
**ES-416**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Cuzna, Arroyos Tamujoso and García, Pozoblanco**  
**ES-178RF**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)  
92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

**Río Daro, Sant Sadurní**  
**ES-096RF**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río de Bedmar, Bedmar**  
**ES-668**

### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

**Río de Cabra, Aguilar de la Frontera**  
**ES-162RF**

### Habitats of Interest

## SPAIN

**Río de Civis, Valls de Valira**  
**ES-078RF**

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río de la Campana, La Carolina**  
**ES649**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río de la Ribeiriña**  
**ES-642**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río de Vallcarca, Aiguafreda,**  
**ES-036RF**

### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

**Río del Coto, Vegalar-Agüera**  
**ES-341RF**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río del Salado, Larva del San Cristo**  
**ES-666**

### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

**Río Délica, Amurrio**  
**ES-273RF**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Descuernacabras, Arroyo Torneros and Colmenar, Robledollano**  
**ES-007RF**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)  
92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

**Río Deva**  
**ES-635**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Deva, Buelles**  
**ES-022RF**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Deza, Carboeiro**  
**ES-358**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Deza, Lalín**  
**ES-590**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Duerna, Molinaferrada-Priaranza de la Valduerna**  
**ES-382**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Duero, Zuzones-Pesqueruela**  
**ES-375**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

## SPAIN

### Río Ebro

ESMT16

#### Species of interest

1355 Lutra lutra

### Río Ebro, Baños de Ebro-El Ciego, Cenicero

ES-289RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Ebro, Buñuel

ES-312RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Río Ebro, Embalse del Ebro-Valderredible

ES-279RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Ebro, Flix, Barranchfosc

ES-314RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Río Ebro, Labastida, Recodo de Gimileo

ES-288RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Ebro, Lapuebla de Labarca, El Romeral

ES-291RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Ebro, Miravet, isla de Miravet

ES-315RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Río Ebro, Pastriz, Reserva Natural de los Galachos

ES-304RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Río Ebro, Santa Gadea del Cid, Puentelearrá

ES-287RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Ebro, Sástago, Monasterio de Rueda

ES-321RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Río Ebro, Sástago, Soto de Menuza

ES-309RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Río Ebro, Sástago, Soto de Motler

ES-308RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Río Ebro, Sobrón

ES-335RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

## SPAIN

**Río Ebro, Traspaderne**

**ES-329RF**

### **Habitats of Interest**

91E0 Residual alluvial forests (Alnion)

**Río Ebro, Tudela, Soto de Traslpuente**

**ES-311RF**

### **Habitats of Interest**

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

**Río Ebrón**

**ES-94**

### **Habitats of Interest**

9180 Tilio-Acerion ravine forests

**Río Endebe, Ubidea, Achurdín**

**ES-276RF**

### **Habitats of Interest**

91E0 Residual alluvial forests (Alnion)

**Río Entoma**

**ES-607**

### **Habitats of Interest**

91E0 Residual alluvial forests (Alnion)

**Río Eo, Abres**

**ES-550**

### **Habitats of Interest**

91E0 Residual alluvial forests (Alnion)

**Río Eo, Acebo**

**ES-568**

### **Habitats of Interest**

91E0 Residual alluvial forests (Alnion)

**Río Eo, Fonteio**

**ES-566**

### **Habitats of Interest**

91E0 Residual alluvial forests (Alnion)

**Río Eo, Vilarmide**

**ES-569**

### **Habitats of Interest**

91E0 Residual alluvial forests (Alnion)

**Río Eo, Villauriz-Mendrei**

**ES-567**

### **Habitats of Interest**

91E0 Residual alluvial forests (Alnion)

**Río Estena, Navas de Estena**

**ES-441**

### **Habitats of Interest**

91E0 Residual alluvial forests (Alnion)

**Río Eume, As Pontes**

**ES-553**

### **Habitats of Interest**

91E0 Residual alluvial forests (Alnion)

**Río Eume, Caaveiro, Fraga del Eume**

**ES-354**

### **Habitats of Interest**

91E0 Residual alluvial forests (Alnion)

**Río Ezcarra**

**ES-534**

### **Habitats of Interest**

91E0 Residual alluvial forests (Alnion)  
92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

**Río Ferreira, Mafey-Santa Eugenia**

**ES-578**

### **Habitats of Interest**

91E0 Residual alluvial forests (Alnion)

## SPAIN

### Río Frejulfe, Navia

ES-355

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Fresnedelo, Bárcena de la Abadía

ES-001RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Río Frío, La Puebla de Don Rodrigo

ES-442

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Río Furelos and arroyo Salgueira

ES-581

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Gato, Obejo

ES-176RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Río Genil, Palma del Río

ES-127RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Río Ges

ES162

#### Habitats of Interest

3290 Intermittently flowing Mediterranean rivers

### Río Gévalo, Robledo del Mazo

ES-439

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Río Grande de Xubia, Pereiro

ES-556

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Grande, La Carolina

ES -647

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Guadahortuna, Alamedilla

ES-673

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Río Guadajoz, Castro del Río

ES-467

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Río Guadalbarbo, Pozoblanco

ES-179RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)  
92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Río Guadalefra, Castuera

ES-426

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

## SPAIN

### Río Guadalfeo, Vélez de Banaudalla

ES-688

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Río Guadalix, Miraflores de la Sierra

ES-388

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Guadalix, San Agustín de Guadalix

ES-389

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Guadalmez, Santa Eufemia

ES-192RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)  
92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Río Guadalquivir, Córdoba

ES-126RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Río Guadalquivir, Córdoba-Villa del Río

ES-448

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Río Guadalquivir, Hornachuelos

ES-144RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Río Guadamatilla, Belalcázar

ES-188RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Río Guadamuño, Córdoba

ES-141RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Río Guadarrama, La Navata-Molino de la Hoz

ES-407

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Guadarranque, Puerto de San Vicente

ES-009RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)  
92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Río Guadatillo, Arroyo de las Navas, Villaviciosa de Córdoba

ES-142RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)  
92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Río Guadiana

ES-LI54

#### Species of interest

1362 Lynx pardina

## SPAIN

### Río Guadiana Menor

ES-664

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Río Guadiana Menor, Zújar

ES-661

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Río Guadiato

ES-80

Mesogean

leucodermis

#### Habitats of Interest

9540 Mediterranean pine forests with endemic pines, including *Pinus mugo* and *Pinus*

### Río Guadiato, Almodóvar del Río

ES-136RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Río Guadiato, Córdoba

ES-138RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Guadiato, Villaviciosa de Córdoba

ES-171RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Río Gualija, Villar del Pedroso

ES-017RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)  
92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Río Guerri

ES161

#### Habitats of Interest

3290 Intermittently flowing Mediterranean rivers

### Río Guils, Montferrer-Castelbó

ES-083RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Henares, Guadalajara-Mejorada del Campo

ES-405

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Río Higuerón, Frigiliana

ES-677

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Río Huéznar, Cazalla de la Sierra

ES-161RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Ibias, San Antolín de Ibias

ES-705

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Ibor, Castañar de Ibor

ES-438

#### Habitats of Interest

## SPAIN

**Río Irati, Garralda**

**ES-325RF**

91E0 Residual alluvial forests (Alnion)

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Iregua**

**ESMM19**

### Species of interest

1355 Lutra lutra

**Río Iso and arroyo Foneo**

**ES-584**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Jallas, Downstream Castrelo dam**

**ES-586**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Jalón (Xaló) Murla, Alcalí**

**ES-297RF**

### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

**Río Jandulilla, Bélmez de la Moraleja**

**ES-667**

### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

**Río Jarama and end of río Manzanares**

**ES-394**

### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

**Río Jarama, Tamajón**

**ES-396**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Landro, Viveiro**

**ES-545**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Latsa, Yanci, San Juan Xar**

**ES-337RF**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Leira**

**ES-608**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Leizarán, Elduayen-Berastegui, Machimbarrena-basoa**

**ES-270RF**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Lengüelle**

**ES-587**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Lengüelle, Ordes**

**ES-560**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Lentejé, Lentejé**

**ES-681**

### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

## SPAIN

### Río Lárez and arroyo de Alfonsín

ES-632

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Lárez, headwaters

ES-591

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Limia, A Forxa

ES-645

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Lor and tributaries

ES-600

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Luchena, La Parroquia

ES-507

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Río Mandeo, Las Cruces

ES-561

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Mandeo, Ponte Aranga

ES-353

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Mao, down course

ES-620

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Masma, Vilanova de Lourenza

ES-548

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Machel, Hornachos

ES-423

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Río Matarraña

ES168

#### Habitats of Interest

3290 Intermittently flowing Mediterranean rivers

### Río Mera

ES-544

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Miera, Liérganes

ES-092RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Mijares and afluent

ES-469

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Río Miño, Lugo

ES-564

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

## SPAIN

### Río Miño, Vilar-Trabanca

ES-565

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Montoro, Mestanza

ES-201RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Muelas, Poyales del Hoyo

ES-002RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Río Mula

ES175

#### Habitats of Interest

3290 Intermittently flowing Mediterranean rivers

### Río Nacimiento, Alboloduy

ES-518

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Río Nalón, La Noval

ES-704

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Narcea, Cornellana

ES-703

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Narla, Cotá-Parada

ES-563

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Navia, Pedrafita-A Pobra de Navia

ES-572

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Navia, Navia de Suarna

ES-343RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Negro

ES-214RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Neira, Baralla-Covas

ES-575

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Neira, Puebla de San Julián-Cela

ES-576

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Neira, Vilasante-Miño river

ES-577

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Nela, Valdeporres-Villarcayo

ES-327RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Noguera de Tor, Barruera

ES-088RF

#### Habitats of Interest

## SPAIN

**Río Onza and Arroyo Villahorquilla, Alanís**  
**ES-165RF**

91E0 Residual alluvial forests (Alnion)

### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

**Río Orduña, Amurrio, Tertanga**  
**ES-272RF**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Oro, San Salvador de Valledor**  
**ES-340RF**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Ortavén, upstream Eiras dam**  
**ES-629**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Palancia**  
**ES170**

### Habitats of Interest

3290 Intermittently flowing Mediterranean rivers

**Río Pambre, Moredo-Fermil**  
**ES-579**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Pequeño (including the headwaters system), Ribadeo**  
**ES-552**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Perales**  
**ES-406**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Piscarino**  
**ES-618**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Pliego**  
**ES184**

### Habitats of Interest

3290 Intermittently flowing Mediterranean rivers

**Río Porcia, Santa Colomba**  
**ES-357**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Portume, Munguía, Portumalde**  
**ES-278RF**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Pradillo, Fuencaiente**  
**ES-199RF**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Puebla**  
**ES-393**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Purón, Purón**  
**ES-005RF**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Quer, Cava**  
**ES-067RF**

### Habitats of Interest

## SPAIN

**Río Quiroga, arroyo Ferreiraño and arroyo de Pacios**  
**ES-603**

91E0 Residual alluvial forests (Alnion)

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Retortillo, Las Navas de la Concepción**  
**ES-155RF**

### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

**Río Riaza, Roa**  
**ES-246RF**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Ribadil**  
**ES-636**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Ridaura, Llagostera**  
**ES-095RF**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Ridolaina, Montellá**  
**ES-071RF**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Rigar, Campelles**  
**ES-063RF**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Robledillo and Gargantas, Solana del Pino**  
**ES-202RF**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Rodil and Eo's oriental headwaters tributaries**  
**ES-570**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Rucas, Cañamero**  
**ES-019RF**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)  
92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

**Río Rúmbiar y Jándula**

**ESMT10** **Species of interest**  
1355 *Lutra lutra*

**Río Rumber, Bailén**  
**ES647**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Saá and arroyo Lebrón, Pobra de Brollón**  
**ES-599**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río San Gil and arroyo Morteras**  
**ES-615**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Sant Marti, Barruera**  
**ES-089RF**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

## SPAIN

**Río Santa Engracia, Arrazua-Ubarrundi-Vitoria, Luco**  
**ES-285RF**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Santa Eulalia, Santa Eulalia del Río**  
**ES-463**

### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

**Río Sarria, Sarria**  
**ES-592**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Sarria, Triacastela**  
**ES-597**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Segre, Montellá, Bellver de Cerdanya, Prullans,**  
**ES-061RF**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Segre, Puigcerda, Isovol, Ger**  
**ES-060RF**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Segre, Serós, Granja de Escarpe**  
**ES-059RF**

### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

**Río Segura, Calasparra**  
**ES-503**

### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

**Río Segura, Cañaverosa**  
**ES-502**

### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

**Río Segura, Elche de la Sierra**  
**ES-505**

### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

**Río Sella**

**ESAT2**

### Species of interest

1355 *Lutra lutra*

**Río Selmo, headwaters**  
**ES-530**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Sil, Toreno**  
**ES-350**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Soldón and arroyo de Baneiros**  
**ES-604**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Sorbe**  
**ES-399**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

## SPAIN

### Río Tajo, alto Tajo

ES411

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Tambre, Barcia

ES-588

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Tambre, Folgoso

ES-583

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Tambre, O Pouso

ES-351

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Tambre, San Xuan

ES-352

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Tamuja, Plasenzuela

ES-431

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Río Tea, headwaters till Mondariz

ES-628

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Tera, Valparaíso-Camarzana

ES-368

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Tiétar, south Gredos

ES-215RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)  
92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Río Tines, Outes

ES-585

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Tirón

ESMM17

#### Species of interest

1355 *Lutra lutra*

### Río Tirón, Ezquerria

ES-330RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Toba, Guájar Alto

ES-683

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Río Tordera, Montseny

ES-047RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)  
92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Río Tordera, Tordera

ES-049RF

#### Habitats of Interest

## SPAIN

**Río Torio, headwaters**  
**ES-528**

91E0 Residual alluvial forests (Alnion)

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Tormes headwaters**  
**ES-213RF**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Tormes, Galisancho-Huerta**  
**ES-372**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Tormes, puente del Congosto**  
**ES-371**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Torrox**  
**ES-676**

### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

**Río Tort, Camprodon, Molló**  
**ES-051RF**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Toya, Quesada**  
**ES-665**

### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

**Río Trabada, Trabada**  
**ES-549**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Tuela**  
**ES-369**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Turbón**  
**ES113**

### Habitats of Interest

9180 Tilio-Acerion ravine forests

**Río Turia, Taramundi**  
**ES-348RF**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Ulla, downstream Portodemouros dam**  
**ES-589**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Ulzama**  
**ES-537**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Umia**  
**ES-593**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Urriate, Baztán**  
**ES-038RF**

### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

## SPAIN

**Río Urumea, Goizueta, Loma Caicutegui**  
**ES-271RF**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Valdeazoques, Alamadén**  
**ES-430**

### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

**Río Valira, Valls de Valira**  
**ES-081RF**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Valmayor, Fuencaliente**  
**ES-203RF**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Verde, Olivar**  
**ES-679**

### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

**Río Verdugo**  
**ES-630**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Viar and Arroyo Tamujar, Zufre**  
**ES-481**

### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

**Río Vidueiro, Rairiz de la Vega**  
**ES-644**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Viejas, Castañar de Ibor**  
**ES-016RF**

### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

**Río Vilanova, Alecs-Cerc**  
**ES-065RF**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Viñao**  
**ES-625**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Voltoya**  
**ES-366**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Xunco, Foz**  
**ES-546**

### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

**Río Yaga**  
**ES-183Fst**

### Habitats of Interest

9180 Tilio-Acerion ravine forests

**Río Yeguas, Villa del Río**  
**ES-477**

### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

## SPAIN

### Río Zadorra

ESMT15

#### Species of interest

1355 Lutra lutra

### Río Zadorra, Arrazua-Ubarrundi, Mendivil

ES-284RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Zapatón, Azagala

ES-427

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Río Zújar and Arroyo Tolote, Los Blázquez

ES-183RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Riofrío

ES193

#### Habitats of Interest

6510 Lowland hay meadows (Alopecurus pratensis, Sanguisorba officinalis)

### Ríos Águeda and Turones

ES-220RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Ríos Agüeira and Cabalos

ES-342RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Ríos Asneiro and Balsada

ES-359

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Ríos Avia and Arenteiro (down sections)

ES-626

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Ríos Bajoy and Vilariño, Armada

ES-557

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Ríos Bernesga y Torio

ESMM16

#### Species of interest

1355 Lutra lutra

### Ríos Bibei and Xares

ES-616

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Ríos Cabe (down course) and Cinsa

ES-612

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Ríos Cadagua and Ordunte, Valle de Mena

ES-326RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Ríos Calvelo, Carral and Rosende

ES-559

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Ríos Casoio (headwaters) and Ricosende

ES-617

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

## SPAIN

### Ríos Chicamo, Canelas, Agudo, and Cutillas

ES-454

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

### Ríos de Málaga y Cádiz

ESMT12

#### Species of interest

1355 Lutra lutra

### Ríos Duero y Ucero

ESMM15

#### Species of interest

1355 Lutra lutra

### Ríos Ebro and Rudrón, Desfiladeros de Valderredible-Sedano

ES-328

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Ríos Ega y Urredera

ESMT14

#### Species of interest

1355 Lutra lutra

### Ríos esla y Porma

ESMT13

#### Species of interest

1355 Lutra lutra

### Ríos Gévora and Zapatón, Badajoz

ES-435

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian  
91E0 Residual alluvial forests (Alnion)

### Ríos Huebra and Yeltes

ES-370

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Ríos Irati y Urrobi

ESMM20

#### Species of interest

1355 Lutra lutra

### Ríos Lamas, Ranside and Suarna, Lamas de Moreiras

ES-344RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Ríos Lavandeira and Parga, Castro Trasmonte-Pobra de Parga

ES-562

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Ríos Mao and Cabe, Monforte de Lemos

ES-598

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Ríos Maraño, Meirelas and Arenteiro

ES-622

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Ríos Matarraña y Algars

ESMT4

#### Species of interest

1355 Lutra lutra

### Ríos Návea (downstream of Chandrexa de Queixa dam) and del Rabal

ES-619

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

## SPAIN

### Ríos Navia and de Rao, Envernallas

ES-571

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Ríos Omañas, Negro and Soto

ES-385

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Ríos Ponce y Quipar

ES173

#### Habitats of Interest

3290 Intermittently flowing Mediterranean rivers

### Ríos Salado, Barbate y Almodovar

ESMT3

#### Species of interest

1355 *Lutra lutra*

### Ríos Segre-Noguera Ribagorçana, Albesa

ES-056RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Ríos Segre-Noguera Ribagorçana, Vila Nova de la Barca

ES-057RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Ríos Solana and Llorín, sierra de Adrada

ES-356

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Ríos Sor and Xantos, Sierra de Faladoira

ES-547

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Ríos Tâmega and Trez

ES-643

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Ríos Ulla, Pambre and Furelos

ES-582

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Ríos Xares and Requeixo, and arroyo Matabois

ES-614

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Ríos y humedales del litoral occidental de Málaga

ES-LM2

#### Species of interest

1355 *Lutra lutra*

### Rivera de Chaza and Arroyo Arochete, Aroche

ES-498

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

91E0 Residual alluvial forests (Alnion)

### Rivera de Hierro, Higuera de la Sierra

ES-491

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Rivera de Huelva and Arroyo del Beso

ES-490

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

## SPAIN

### Rivera de Huelva, Cortelazor

ES-494

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Rivera de Múrtiga, La Nava

ES-497

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Rivera Hinojales, Sierra de las Corujas

ES-493

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Rivera Montemayor and Barranco Valle del Gato, Cañaveral de León

ES-492

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Rivers of Malaga and Cadiz

ES-MT2

#### Species of interest

1355 Lutra lutra

### Roca del Vallés, Can Cuquet

ES-114RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Roca del Valles, Castillo de la Roca

ES-113RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Rosal de la Frontera

ES-LI4

#### Species of interest

1362 Lynx pardina

### Rosas, Joncols

ES-094RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Sa Dragonera

ES22

#### Species of interest

1219 Testudo graeca

### Salado, Barbate and Almodóvar rivers

ES-MT3

#### Species of interest

1355 Lutra lutra

### Salinas de Levante, Mallorca

ES-458

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Sallent de Gállego

ES3

#### Species of interest

1902 Cypripedium calceolus

### Saloria-Civis

ES83

#### Habitats of Interest

9430 Pinus uncinata forests (\*on gypsum or limestone)

### San Antolín

ES152

#### Habitats of Interest

4040 Dry coastal heaths with Erica vagans and Ulex

## SPAIN

### San Benito

ES-LI21

#### Species of interest

1362 Lynx pardina

### San Juan de Plan

ES14

#### Habitats of Interest

9180 Tilio-Acerion ravine forests

### San Pedro

ES-LI48

#### Species of interest

1362 Lynx pardina

### San Vicente de la Barquera

ES153

#### Habitats of Interest

4040 Dry coastal heaths with Erica vagans and Ulex

### Sanabria y corredores

ES-LL2

#### Species of interest

1355 Lutra lutra

### Sant Andreu de Llaneres, Oliver d'en Cabot

ES-107RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Santa Cruz

ES-LI42

#### Species of interest

1362 Lynx pardina

### Santa Eufemia

ES-LI20

#### Species of interest

1362 Lynx pardina

### Santa Olalla-Las Hurdes

ES-LI71

#### Species of interest

1362 Lynx pardina

### SAR. Todo el río

ES-435cf

#### Species of interest

1106 Salmo salar

### Saranillo, Río Cinqueta

ES15

#### Habitats of Interest

9180 Tilio-Acerion ravine forests

### Segura-Mundo rivers

ES-MT1

#### Species of interest

1355 Lutra lutra

### Seixo-Landoi headwaters, Ortigueira

ES-542

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Sella river

ES-AT2

#### Species of interest

1355 Lutra lutra

### SELLA. Todo el río

ES-440cf

#### Species of interest

1106 Salmo salar

### Seo de Urgel

ES200

#### Habitats of Interest

6510 Lowland hay meadows (Alopecurus pratensis, Sanguisorba officianalis)

## SPAIN

### Serra Cavallera

ES84

#### Habitats of Interest

9430 Pinus uncinata forests (\*on gypsum or limestone)

### Serra de Caderetes, Tossa

ES-091RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Serra de Llaberia

ES-184Fst

#### Habitats of Interest

9180 Tilio-Acerion ravine forests

### Serra de Llaberia

ES112

#### Habitats of Interest

9180 Tilio-Acerion ravine forests

### Serra Grossa-Atalayasa

ES-24Fst

#### Habitats of Interest

9540 Mediterranean pine forests with endemic  
pines, including Pinus mugo and Pinus

Mesogean

leucodermis

### Sierra Arana

ES-LI31

#### Species of interest

1362 Lynx pardina

### Sierra Bermeja-Sierra de Las Nieves

ES-73

#### Habitats of Interest

9540 Mediterranean pine forests with endemic  
pines, including Pinus mugo and Pinus

Mesogean

leucodermis

### Sierra Cardena y Montoro

ES-61

#### Species of interest

1362 Lynx pardina

### Sierra Cebollera-Castillo de Vinuesa

ES88

#### Habitats of Interest

9430 Pinus uncinata forests (\*on gypsum or limestone)

### Sierra de Albarracin-Montes Universales

ES-120Fst

#### Habitats of Interest

9560 Endemic Mediterranean forests with Juniperus spp.

### Sierra de Alcaraz

ES66

#### Species of interest

1065 Euphydryas aurinia

### Sierra de Alto Rey (Cantalojas)

ES77

#### Species of interest

1065 Euphydryas aurinia

### Sierra de Aracena y Picos de Aroche

ES-LI51

#### Species of interest

1362 Lynx pardina

### Sierra de Arrigorrieta

ES-Oso13.2

#### Species of interest

1354 Ursus arctos

### Sierra de Cabrejas-Calatañazor

ES-112Fst

#### Habitats of Interest

9560 Endemic Mediterranean forests with Juniperus spp.

## SPAIN

### Sierra de Cardena y Montoro

**ES-LI61**      **Species of interest**  
1362      *Lynx pardina*

### Sierra de Gata

**ES-LI43**      **Species of interest**  
1362      *Lynx pardina*

### Sierra de Gúdar

**ES73**      **Species of interest**  
1065      *Euphydryas aurinia*

### Sierra de Hornachuelos

**ES-LI56**      **Species of interest**  
1362      *Lynx pardina*

### Sierra de Javalambre (Puerto de Escandón)

**ES-121Fst**      **Habitats of Interest**  
9560      Endemic Mediterranean forests with *Juniperus* spp.

### Sierra de Las Gavarra

**ES61**      **Species of interest**  
1065      *Euphydryas aurinia*

### Sierra de los Cuellos de Lenito

**ES-182Fst**      **Habitats of Interest**  
9180      Tilio-Acerion ravine forests

### Sierra de Mira

**ES-74**      **Habitats of Interest**  
9540      Mediterranean pine forests with endemic  
pines, including *Pinus mugo* and *Pinus*

Mesogean

leucodermis

### Sierra de Molina, Monte Universales

**ES75**      **Species of interest**  
1065      *Euphydryas aurinia*

### Sierra de San Andrés

**ES-96**      **Habitats of Interest**  
9180      Tilio-Acerion ravine forests

### Sierra de Urbión

**ES76**      **Species of interest**  
1065      *Euphydryas aurinia*

### Sierra del Castañar

**ES-LI35**      **Species of interest**  
1362      *Lynx pardina*

### Sierra Mágina

**ES-LI29**      **Species of interest**  
1362      *Lynx pardina*

### Sierra Majaña (Rocidalgo)

**ES-95**      **Habitats of Interest**  
9180      Tilio-Acerion ravine forests

### Sierra Norte

**ES-LI55**      **Species of interest**  
1362      *Lynx pardina*

## SPAIN

### Sierras de Manteca y Begega

**ES-Oso5**                      **Species of interest**  
1354              *Ursus arctos*

### Sierras de Portiello, Picardiello y Galardón

**ES72**                              **Species of interest**  
1065              *Euphydrias aurinia*

### Sierras de Tejera y La Almijara

**ES-72**

Mesogean

leucodermis

### Somiedo A

**ES-Oso6.1**                      **Species of interest**  
1354              *Ursus arctos*

### Somiedo B

**ES-Oso6.2**                      **Species of interest**  
1354              *Ursus arctos*

### SOR. Todo el río

**ES-444cf**                      **Species of interest**  
1106              *Salmo salar*

### Sot de Bassa del Tombo, Riells de Montseny

**ES-027RF**

#### Habitats of Interest

9540              Mediterranean pine forests with endemic  
pines, including *Pinus mugo* and *Pinus*

### Sot de Can Preses, Sant Celoni

**ES-125RF**

#### Habitats of Interest

92D0              Thermo-Mediterranean riparian galleries  
(*Nerio-Tamariceteae*) and south-west Iberian

### Sot de Fuirosos, Sant Celoni

**ES-124RF**

#### Habitats of Interest

91E0              Residual alluvial forests (Alnion)

### Sot de l'Escala, Riells de Montseny

**ES-026RF**

#### Habitats of Interest

91E0              Residual alluvial forests (Alnion)

#### Habitats of Interest

92D0              Thermo-Mediterranean riparian galleries  
(*Nerio-Tamariceteae*) and south-west Iberian

### Sot de l'Oradella, Arenys de Munt

**ES-120RF**

#### Habitats of Interest

91E0              Residual alluvial forests (Alnion)

### Sot de la Janeta, Arbúcies

**ES-098RF**

#### Habitats of Interest

91E0              Residual alluvial forests (Alnion)

### Sot de La Nou, Arbúcies

**ES-031RF**

#### Habitats of Interest

92D0              Thermo-Mediterranean riparian galleries  
(*Nerio-Tamariceteae*) and south-west Iberian

### Sot del Pla de Saba, Riells de Montseny

**ES-028RF**

#### Habitats of Interest

92D0              Thermo-Mediterranean riparian galleries  
(*Nerio-Tamariceteae*) and south-west Iberian

## SPAIN

### Sot del Purgatori, Aiguafreda

ES-035RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Sur de Finisterre

ESMM4

#### Species of interest

1351 *Phocoena phocoena*

### Sureste peninsular

ES21

#### Species of interest

1219 *Testudo graeca*

### Talayón

ES-118Fst

#### Habitats of Interest

9560 Endemic Mediterranean forests with *Juniperus* spp.

### TAMBRE. Aguas abajo em. de Barrié de la Maza-Desembocadura

ES-462cf

#### Species of interest

1106 *Salmo salar*

### TEA. Todo el río

ES-467cf

#### Species of interest

1106 *Salmo salar*

### Tierra Muerta-Las Torcas

ES-55

#### Habitats of Interest

9560 Endemic Mediterranean forests with *Juniperus* spp.

### Tollé

ES178

#### Habitats of Interest

3290 Intermittently flowing Mediterranean rivers

### Tordera, Can Ritort

ES-050RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Torla

ES18

#### Habitats of Interest

9180 Tilio-Acerion ravine forests

### Torrecaudros

ES-LI12

#### Species of interest

1362 *Lynx pardina*

### Torremocha de Jadraque

ES64

#### Species of interest

1065 *Euphydryas aurinia*

### Torrent D'Aiguafina

ES190

#### Habitats of Interest

3290 Intermittently flowing Mediterranean rivers

### Torrent de Casa Nova, Vallgorgina

ES-118RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Torrent de Confort, Ger

ES-073RF

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Torrent de Pareis, Escorca

ES-459

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries

## SPAIN

(Nerio-Tamariceteae) and south-west Iberian

### **Torrent de Rentadors, Viladrau**

**ES-032RF**

#### **Habitats of Interest**

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

### **Torrent de Rupit (Riera de Canyamás, Serra d'en Gel), Dosrius**

**ES-108RF**

#### **Habitats of Interest**

91E0 Residual alluvial forests (Alnion)

### **Torrent de Verderes (Caderetes), Llagostera, Tossa**

**ES-090RF**

#### **Habitats of Interest**

91E0 Residual alluvial forests (Alnion)

### **Torrent de Vilec, Montellá**

**ES-068RF**

#### **Habitats of Interest**

91E0 Residual alluvial forests (Alnion)

### **Torrent del Burgués, El Brull**

**ES-033RF**

#### **Habitats of Interest**

92D0 Thermo-Mediterranean riparian galleries  
(Nerio-Tamariceteae) and south-west Iberian

### **Torrent del Infern, Montellá**

**ES-069RF**

#### **Habitats of Interest**

91E0 Residual alluvial forests (Alnion)

### **Torrente de Argoell, Valls de Valira**

**ES-080RF**

#### **Habitats of Interest**

91E0 Residual alluvial forests (Alnion)

### **Torrente de Montmelús, Ger**

**ES-072RF**

#### **Habitats of Interest**

91E0 Residual alluvial forests (Alnion)

### **TURIÁ. Todo el río**

**ES-488cf**

#### **Species of interest**

1106 Salmo salar

### **ULLA. Aguas abajo del em. de Portodemouros-Desembocadura**

**ES-491cf**

#### **Species of interest**

1106 Salmo salar

### **UMA. Todo el río**

**ES-494cf**

#### **Species of interest**

1106 Salmo salar

### **Umbría del Oso**

**ES196**

#### **Habitats of Interest**

6510 Lowland hay meadows (Alopecurus pratensis,  
Sanguisorba officinalis)

### **Umbrías de Sierra Madrona**

**ES55**

#### **Species of interest**

1065 Euphydryas aurinia

### **UMIA. Todo el río**

**ES-497cf**

#### **Species of interest**

1106 Salmo salar

### **URUMEA. Aguas abajo del embalse de Añarbe-Desembocadura**

**ES-498cf**

#### **Species of interest**

1106 Salmo salar

## SPAIN

### V, Laguna 1 de Sinarcas, Sinarcas (30SXK5102)

ES-291

#### Habitats of Interest

3170 Mediterranean temporary ponds

### V, Laguna 2 de Sinarcas, Sinarcas (30SXK5103)

ES-292

#### Habitats of Interest

3170 Mediterranean temporary ponds

### Val d'Arán y Barravés

ES-Oso16

#### Species of interest

1354 *Ursus arctos*

### Val de Forcos

ES17

#### Habitats of Interest

9180 Tilio-Acerion ravine forests

### Val Ferrera

ES85

#### Habitats of Interest

9430 *Pinus uncinata* forests (\*on gypsum or limestone)

### VALDEAZOGUES. Brazatortas-Embalse de Entredicho

ES-500cf

#### Species of interest

1133 *Anaecypris hispanica*

### Valdehornos

ES-LI36

#### Species of interest

1362 *Lynx pardina*

### Valdelagrana

ES119

#### Habitats of Interest

2270 Wooded dunes with *Pinus pinea* and/or *Pinus*

### Valdequemada-Hoyo de Pinares

ES-79

#### Habitats of Interest

9540 Mediterranean pine forests with endemic

Mesogean

pinus, including *Pinus mugo* and *Pinus*

leucodermis

### Vall Perera, Mequinenza, Vall Perera

ES-318RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Valle de Aragües, Sierra de Maito

ES74

#### Species of interest

1065 *Euphydryas aurinia*

### Valle de Benasque

ES-Oso15

#### Species of interest

1354 *Ursus arctos*

### Valle de Lierp

ES199

#### Habitats of Interest

6510 Lowland hay meadows (*Alopecurus pratensis*, *Sanguisorba officianalis*)

### Valle de Pineta

ES5

#### Species of interest

1902 *Cypripedium calceolus*

## SPAIN

### Valle de Tena

ES19

#### Habitats of Interest

9180 Tilio-Acerion ravine forests

### Valle del Ebro (Serreta Negra de Fraga)

ES-31Fst

#### Habitats of Interest

9540 Mediterranean pine forests with endemic

pinus, including *Pinus mugo* and *Pinus*

Mesogean

leucodermis

### Valle del Ebro (Zuera)

ES-30Fst

#### Habitats of Interest

9540 Mediterranean pine forests with endemic

pinus, including *Pinus mugo* and *Pinus*

Mesogean

leucodermis

### Valle del Júcar-Casas de Ves

ES-81

#### Habitats of Interest

9540 Mediterranean pine forests with endemic

pinus, including *Pinus mugo* and *Pinus*

Mesogean

leucodermis

### Valles de Hecho y Ansó

ES-Oso14

#### Species of interest

1354 *Ursus arctos*

### Viar

ES-LI13

#### Species of interest

1362 *Lynx pardina*

### Vilassar de Mar

ES-112RF

#### Habitats of Interest

92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

### Villalba

ES47

#### Species of interest

1065 *Euphydryas aurinia*

### Villargordo

ES192

#### Habitats of Interest

6510 Lowland hay meadows (*Alopecurus pratensis*, *Sanguisorba officinalis*)

### Vilouriz-Oleiros

ES-580

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### XUDÁN. Todo el río

ES-510cf

#### Species of interest

1106 *Salmo salar*

### Za, Laguna de Valmorro, Santibáñez de Vidriales (30TTM5458)

ES-120

#### Habitats of Interest

3170 Mediterranean temporary ponds

### Za, Laguna del Italiano, Melgar de Tera (29TQG4347)

ES-119

#### Habitats of Interest

3170 Mediterranean temporary ponds

## SPAIN

### **ZARDÓN. Todo el río**

**ES-518cf**

#### **Species of interest**

1106 Salmo salar

### **Zufre**

**ES-LI7**

#### **Species of interest**

1362 Lynx pardina



## SWEDEN

### I. INTRODUCTION

1.1 *Biogeographic regions concerned:* Alpine, Boreal, Continental

1.2 *Executive Summary*

There are quite obvious insufficiencies in the list of proposed SCIs forwarded by Sweden. Because the Swedish Government neglected the Habitats Directive for several years after Sweden became an EU member in 1995, the Natura 2000 process still has not gathered the necessary pace and is not given suitable political priority. The Government has recently increased its efforts, but not nearly to the extent needed. More human resources are required to support data collection, to carry out consultations and to prepare general information for both the local and national level.

The list of proposed SCIs for the Alpine region is more satisfactory than the list proposed for the Boreal and the Continental regions. After the biogeographical seminars, more sites have been proposed for all three regions although they have not officially been added to Sweden's list of pSCI. The percentage of insufficiencies is expected to decrease, even if not all the new proposals are accepted.

A new round of site preparations by the County Councils is needed, which should be initiated by the government as soon as possible. Additional resources also need to be made available for the County Councils. This would also indicate that Natura 2000 was being given a higher political priority.

### II. INFORMATION ON THE NATIONAL LIST OF PROPOSED SITES OF COMMUNITY IMPORTANCE

2.1 *Territory Covered and quantity aspects*

| Coverage of Proposed Sites        |                          |
|-----------------------------------|--------------------------|
| The number of sites proposed      | 1,919                    |
| Total area covered by sites       | 46,297 km <sup>2</sup>   |
| Percentage of country's territory | 10%                      |
| % Land                            | Not possible to separate |
| % Marine                          | Not possible to separate |

The territory proposed is sufficient to ensure a satisfactory conservation status for some habitats and species, but not for others.

2.2 *Progress with the Natura 2000 process for site proposals – insufficiencies and difficulties*

The Government has submitted to the Commission a list of proposed Sites of Community Importance (pSCIs). However, the following percentage of habitats and species was considered not sufficiently represented at the last biogeographic seminar:

| Biogeographic region | % of Habitats insufficiently represented | % of Species insufficiently represented |
|----------------------|------------------------------------------|-----------------------------------------|
| Alpine               | 7%                                       | 50%                                     |
| Boreal               | 50%                                      | 74%                                     |
| Continental          | 55%                                      | 70%                                     |

The Government has responded to the requirements identified at the biogeographic meetings with new proposals. Additional sites for the Alpine, Boreal and Continental region are now being processed by the Government. The Alpine sites should become pSCIs in the near future, based on a tranche of sites that has been in preparation since November 1999. A further tranche sites for the Boreal and Continental region

## **SWEDEN**

was reported to the Government in April 2000 but it is less clear when these sites will officially be added to Sweden's list of pSCIs.

The main problem causing delays has been a lack of resources and prioritisation from the Government. The County Councils have not been furnished with enough resources to complete their tasks. There has also been a failure to acknowledge the need to inform landowners of developments. Even the Government itself does not have adequate resources to meet its responsibilities.

### **III. INFORMATION ON CONSULTATION PROCEDURES TO ELABORATE THE LIST OF PSCI**

NGOs have not been involved in the designation procedure. A consultation procedure is initiated with landowners and local authorities before any sites are passed on to the Swedish Environment Protection Agency. The process has been particularly cumbersome in the absence of adequate resources at the County Council level which has prolonged the consultation process. Particular issues have arisen over sites which have several owners. The implications of consulting on these sites has meant that have simply been left out of the process.

Attempts to raise awareness on the Natura 2000 network has met with mixed results, depending on the particular skills and sensitivity shown by different County Councils. The overall public perception of the network is generally good.

### **IV. GLOBAL EVALUATION OF THE NATIONAL LIST OF PROPOSED SCI**

The main weakness of the Swedish list of pSCIs is the number of sites, both for habitats and species types. This is not primarily due to a lack of information, but more due to a lack of political will and a shortage of resources allocated from the Government from the start of the process. WWF has been highlighting the weaknesses of the list for more than a year, by drafting a national shadow list to indicate suitable additional areas that should be included in the Natura 2000 network.

It is very difficult to assess the coherence of the list of pSCI in terms of ensuring an appropriate network for habitats and species. Such an analysis has not been made but since there are quite a lot of insufficiencies in the list, it can also be assumed that corridors and stepping stones also are insufficient.

### **V. CONSERVATION OF SITES IDENTIFIED AS PSCI**

Three raised bogs in the north of Sweden which are included in the WWF Shadow List of sites are being threatened by peat extraction activities. These activities would be extremely detrimental.

***Report compiled by: Staffan Danielsson, WWF-Sweden***  
***Date: 22 May 2000***

## SWEDEN

### Sweden

Åbyfjorden

SE0001

#### Habitats of Interest

1160 Large shallow inlets and bays

Åkulla Bokskogar

SE0002

#### Habitats of Interest

9180 Tilio-Acerion ravine forests

Ätnakåbbå

SE0003

#### Habitats of Interest

91D0 Bog woodland

Austerrum

SE0004

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (*Festuco Brometaha*) (\*imp)

Benarp-Bönhult-Fjällmossen

SE0005

#### Habitats of Interest

6510 Lowland hay meadows (*Alopecurus pratensis*, *Sanguisorba officianalis*)

Bengtsmyran-Billmyran

SE0006

#### Habitats of Interest

91D0 Bog woodland

Biskopstorp

SE0007

#### Habitats of Interest

9180 Tilio-Acerion ravine forests

Bjersjöholm

SE0008

#### Habitats of Interest

9180 Tilio-Acerion ravine forests

Björkudden

SE0009

#### Habitats of Interest

6520 Mountain hay meadows (British types with *Geranium sylvaticum*)

Blankhester

SE0010

#### Habitats of Interest

6510 Lowland hay meadows (*Alopecurus pratensis*, *Sanguisorba officianalis*)

Blekinges östkust

SE0011

#### Habitats of Interest

1160 Large shallow inlets and bays

Bodans fäbod

SE0012

#### Habitats of Interest

6520 Mountain hay meadows (British types with *Geranium sylvaticum*)

Boitikken-Virisen

SE0013

#### Habitats of Interest

6520 Mountain hay meadows (British types with *Geranium sylvaticum*)

Böta

SE0014

#### Habitats of Interest

91D0 Bog woodland

## SWEDEN

### Botorp

SE0015

#### Habitats of Interest

6510 Lowland hay meadows (*Alopecurus pratensis*,  
*Sanguisorba officianalis*)

### Bråtön-Träskaten

SE0016

#### Habitats of Interest

9180 Tilio-Acerion ravine forests

### Bromängen

SE0017

#### Habitats of Interest

91D0 Bog woodland

### Brunnhemsberget

SE0018

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on  
calcareous substrates (*Festuco Brometaha*) (\*impo

### Dala Mosse

SE0019

#### Habitats of Interest

91D0 Bog woodland

### Degermossen

SE0020

#### Habitats of Interest

7110 Active raised bogs

### Djupen & Glåpen

SE0021

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion

### Egby-Kapelludden

SE0022

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on  
calcareous substrates (*Festuco Brometaha*) (\*impo

### Eldsjömyran & Flakamyran

SE0023

#### Habitats of Interest

91D0 Bog woodland

### Ellösefjorden-Strömmarna

SE0024

#### Habitats of Interest

1160 Large shallow inlets and bays

### Fagerön

SE0025

#### Habitats of Interest

9180 Tilio-Acerion ravine forests

### Fåglumsmossen

SE0026

#### Habitats of Interest

91D0 Bog woodland

### Fäjemyr

SE0027

#### Habitats of Interest

7110 Active raised bogs

### Farbergskärret

SE0028

#### Habitats of Interest

91D0 Bog woodland

### Färskesjöplatån

SE0029

#### Habitats of Interest

6510 Lowland hay meadows (*Alopecurus pratensis*,  
*Sanguisorba officianalis*)

## SWEDEN

### Fjällskäfteskogen

SE0030

#### Habitats of Interest

91D0 Bog woodland

### Flatered

SE0031

#### Habitats of Interest

6510 Lowland hay meadows (*Alopecurus pratensis*,  
*Sanguisorba officianalis*)

### Fogdösten

SE0032

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on  
calcareous substrates (*Festuco Brometaha*) (\*imp)

### Fonotjärnsfljoten

SE0033

#### Habitats of Interest

91D0 Bog woodland

### Frösshammarsviken

SE0034

#### Habitats of Interest

91E0 Residual alluvial forests (*Alnion*)

### Fyledalen-Baldringe

SE0035

#### Habitats of Interest

6510 Lowland hay meadows (*Alopecurus pratensis*,  
*Sanguisorba officianalis*)

### Gannarreviken

SE0036

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on  
calcareous substrates (*Festuco Brometaha*) (\*imp)  
1160 Large shallow inlets and bays

### Gässhultsområdet

SE0038

#### Habitats of Interest

6510 Lowland hay meadows (*Alopecurus pratensis*,  
*Sanguisorba officianalis*)

### Gatmyren

SE0039

#### Habitats of Interest

91D0 Bog woodland  
7110 Active raised bogs

### Gisseberget

SE0041

#### Habitats of Interest

9180 Tilio-Acerion ravine forests

### Gisslingö

SE0042

#### Habitats of Interest

91D0 Bog woodland

### Gnarps diabasberg

SE0043

#### Habitats of Interest

9180 Tilio-Acerion ravine forests

### Gräsö

SE0044

#### Habitats of Interest

6510 Lowland hay meadows (*Alopecurus pratensis*,  
*Sanguisorba officianalis*)  
6210 Semi-natural dry grasslands and scrubland facies on  
calcareous substrates (*Festuco Brometaha*) (\*imp)

## SWEDEN

### Grevagården-Nohlmarken

SE0046

#### Habitats of Interest

- 9180 Tilio-Acerion ravine forests
- 6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (*Festuco Brometaha*) (\*impo
- 6510 Lowland hay meadows (*Alopecurus pratensis*, *Sanguisorba officianalis*)

### Grönviksmyran/Junistormyran

SE0049

#### Habitats of Interest

- 7110 Active raised bogs

### Grossmossekomplexet

SE0050

#### Habitats of Interest

- 6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (*Festuco Brometaha*) (\*impo

### Grunuflot

SE0051

#### Habitats of Interest

- 7110 Active raised bogs

### Gustafsravinerna

SE0052

#### Habitats of Interest

- 91E0 Residual alluvial forests (*Alnion*

### Håkansbodaberget

SE0053

#### Habitats of Interest

- 91D0 Bog woodland

### Hallarumsviken-Torhamns skärgård

SE0054

#### Habitats of Interest

- 6510 Lowland hay meadows (*Alopecurus pratensis*, *Sanguisorba officianalis*)

### Hållsviken

SE0055

#### Habitats of Interest

- 1160 Large shallow inlets and bays

### Haparanda Yttre Skärgård

SE0056

#### Habitats of Interest

- 1160 Large shallow inlets and bays

### Hassel

SE0057

#### Habitats of Interest

- 6520 Mountain hay meadows (British types with *Geranium sylvaticum*)

### Havregärdet & Dundermossen

SE0058

#### Habitats of Interest

- 91D0 Bog woodland

### Hjärtlandakärret

SE0059

#### Habitats of Interest

- 7110 Active raised bogs

### Hosjön, Giningen, Kärven, Testen

SE0060

#### Habitats of Interest

- 6510 Lowland hay meadows (*Alopecurus pratensis*, *Sanguisorba officianalis*)

### Hovranområdet

SE0061

#### Habitats of Interest

- 91E0 Residual alluvial forests (*Alnion*

## SWEDEN

### Hunnsbergsområdet

SE0062

#### Habitats of Interest

91D0 Bog woodland

### Husrygg

SE0063

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*imp)

### Hybybackar-Eksholm

SE0064

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Idefjorden-Svinesund

SE0065

#### Habitats of Interest

1130 Estuaries

### Igelmossen

SE0066

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*imp)

### Iglamossen

SE0067

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*imp)

### Jättenekärret-Ö. Mösseberg

SE0068

#### Habitats of Interest

9180 Tilio-Acerion ravine forests

### Jonsbo Fly

SE0069

#### Habitats of Interest

91D0 Bog woodland  
7110 Active raised bogs

### Karinmossen och Karinsjön

SE0071

#### Habitats of Interest

7110 Active raised bogs

### Karlsmyren

SE0072

#### Habitats of Interest

7110 Active raised bogs

### Kaxmossen

SE0073

#### Habitats of Interest

7110 Active raised bogs

### Klarälvens nedre lopp

SE0074

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Kleva

SE0075

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Klosterfjorden

SE0076

#### Habitats of Interest

1160 Large shallow inlets and bays

### Kopparåsmynnen

SE0077

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

## SWEDEN

### Korsnäset

SE0078

#### Habitats of Interest

6520 Mountain hay meadows (British types with *Geranium sylvaticum*)

### Kråkenabben

SE0079

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (*Festuco Brometaha*) (\*imp)

### Kryplingsmossen

SE0080

### Kulflyten

SE0081

#### Habitats of Interest

7110 Active raised bogs

### Kungshögarna, Tunåsen

SE0082

#### Habitats of Interest

6510 Lowland hay meadows (*Alopecurus pratensis*, *Sanguisorba officianalis*)

### Kyrkbytjärn

SE0083

#### Habitats of Interest

91E0 Residual alluvial forests (*Alnion*)

### Kyrkflon

SE0084

#### Habitats of Interest

7110 Active raised bogs

### Lädjaområdet

SE0085

#### Habitats of Interest

6510 Lowland hay meadows (*Alopecurus pratensis*, *Sanguisorba officianalis*)  
9180 Tilio-Acerion ravine forests

### Långbodflon och Högmyren

SE0087

#### Habitats of Interest

91D0 Bog woodland

### Långvikflon

SE0088

#### Habitats of Interest

7110 Active raised bogs

### Leaby

SE0089

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (*Festuco Brometaha*) (\*imp)  
6510 Lowland hay meadows (*Alopecurus pratensis*, *Sanguisorba officianalis*)

### Lillhärjäbygget

SE0091

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (*Festuco Brometaha*) (\*imp)

### Linderödsåsen med omgivn

SE0092

#### Habitats of Interest

6510 Lowland hay meadows (*Alopecurus pratensis*, *Sanguisorba officianalis*)

### Lindön - Björnön

SE0093

#### Habitats of Interest

1160 Large shallow inlets and bays

## SWEDEN

### Ljungsjömyren

SE0094

#### Habitats of Interest

7110 Active raised bogs

### Lommabukten-Salviken

SE0095

#### Habitats of Interest

1160 Large shallow inlets and bays

### Lommagölsmyren

SE0096

#### Habitats of Interest

7110 Active raised bogs  
91D0 Bog woodland

### Lomsmuren

SE0098

#### Habitats of Interest

91D0 Bog woodland

### Loungaslompolo

SE0099

#### Habitats of Interest

6520 Mountain hay meadows (British types with *Geranium sylvaticum*)

### Ludvigsmýran

SE0100

#### Habitats of Interest

7110 Active raised bogs

### Lundåkrabukten

SE0101

#### Habitats of Interest

1160 Large shallow inlets and bays

### Misteln-Dunkern

SE0102

#### Habitats of Interest

6510 Lowland hay meadows (*Alopecurus pratensis*, *Sanguisorba officinalis*)

### Möckelnområdet

SE0103

#### Habitats of Interest

6510 Lowland hay meadows (*Alopecurus pratensis*, *Sanguisorba officinalis*)  
9180 Tilio-Acerion ravine forests  
91D0 Bog woodland

### Möcklemarksskogen

SE0106

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Mörkö-Tullgarn

SE0107

#### Habitats of Interest

1160 Large shallow inlets and bays

### Myr O Galsjön

SE0108

#### Habitats of Interest

7110 Active raised bogs

### Myrhulta Mosse

SE0109

#### Habitats of Interest

7110 Active raised bogs

### Nordmarksmossarna

SE0110

#### Habitats of Interest

91D0 Bog woodland

## SWEDEN

### Norre Fälad

SE0111

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*imp)

### Norre Mosse

SE0112

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*imp)

### Norr-Majrum

SE0113

#### Habitats of Interest

7110 Active raised bogs

### Norsmyren

SE0114

#### Habitats of Interest

91D0 Bog woodland

### Ölmans ravinsystem

SE0115

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion

### Parakka, nedre

SE0116

#### Habitats of Interest

6520 Mountain hay meadows (British types with *Geranium sylvaticum*)

### Pinnån

SE0117

#### Habitats of Interest

6510 Lowland hay meadows (*Alopecurus pratensis*, *Sanguisorba officinalis*)

### Porssjömyren

SE0118

#### Habitats of Interest

7110 Active raised bogs  
91D0 Bog woodland

### Predikstolen, Kvarnbo, Hågaån

SE0120

#### Habitats of Interest

9180 Tilio-Acerion ravine forests

### Regnaholm

SE0121

### Riksmossen

SE0122

#### Habitats of Interest

7110 Active raised bogs

### Ringenä

SE0123

#### Habitats of Interest

6510 Lowland hay meadows (*Alopecurus pratensis*, *Sanguisorba officinalis*)

### Rinnamossen

SE0124

### Risebäcken

SE0125

#### Habitats of Interest

91D0 Bog woodland

### Röjtjärnsmyran-Spångmyran

SE0126

#### Habitats of Interest

91D0 Bog woodland

## SWEDEN

### Rönne Ås Dalgång

SE0127

#### Habitats of Interest

6510 Lowland hay meadows (*Alopecurus pratensis*,  
*Sanguisorba officianalis*)

### Rörums södra å

SE0128

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Rösjö mosse och Mårbysjön

SE0129

#### Habitats of Interest

7110 Active raised bogs

### Rövarekulan

SE0130

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)  
9180 Tilio-Acerion ravine forests

### Rustamossen

SE0132

#### Habitats of Interest

7110 Active raised bogs

### Ryngen

SE0133

#### Habitats of Interest

6510 Lowland hay meadows (*Alopecurus pratensis*,  
*Sanguisorba officianalis*)

### Samnäs fjärden

SE0134

#### Habitats of Interest

1130 Estuaries

### Siesjö med omgivningar

SE0135

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on  
calcareous substrates (*Festuco Brometaha*) (\*imp)

### Siggeforasjön, Ramsmossen

SE0136

#### Habitats of Interest

7110 Active raised bogs

### Sjösaskogen

SE0137

#### Habitats of Interest

91D0 Bog woodland

### Skagerhultamossen

SE0138

#### Habitats of Interest

7110 Active raised bogs

### Skälderviken, Bjärekusten

SE0139

#### Habitats of Interest

1160 Large shallow inlets and bays

### Skärsjön

SE0140

#### Habitats of Interest

9180 Tilio-Acerion ravine forests

### Skedviken

SE0141

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on  
calcareous substrates (*Festuco Brometaha*) (\*imp)

## SWEDEN

### Skräbeåns avrinningsområde

SE0142

#### Habitats of Interest

- 91D0 Bog woodland
- 6510 Lowland hay meadows (*Alopecurus pratensis*, *Sanguisorba officinalis*)
- 1160 Large shallow inlets and bays

### Slissån

SE0145

### Södviken

SE0146

#### Habitats of Interest

- 1160 Large shallow inlets and bays

### Sommen-Bulsjöån-V o Ö Lägern

SE0147

#### Habitats of Interest

- 91D0 Bog woodland

### Sörvattnet med Sörva. Hemvallarna

SE0148

#### Habitats of Interest

- 6520 Mountain hay meadows (British types with *Geranium sylvaticum*)

### Stackstadsmossen

SE0149

#### Habitats of Interest

- 7110 Active raised bogs

### Stensjön

SE0150

#### Habitats of Interest

- 91D0 Bog woodland

### Stensmyr och Vejshultamyra

SE0152

#### Habitats of Interest

- 7110 Active raised bogs

### Stjärnorpsravinen

SE0153

#### Habitats of Interest

- 9180 Tilio-Acerion ravine forests

### Storanden

SE0154

#### Habitats of Interest

- 91D0 Bog woodland

### Storflon

SE0155

#### Habitats of Interest

- 7110 Active raised bogs

### Stormossen i Mickelsrud

SE0156

#### Habitats of Interest

- 7110 Active raised bogs

### Stormossen, Gryssjemossen, Drängmossen

SE0157

#### Habitats of Interest

- 91D0 Bog woodland

### Stormyran i Njurunda

SE0159

#### Habitats of Interest

- 7110 Active raised bogs

### Stormyran och Grannäsens myrar

SE0160

#### Habitats of Interest

- 91D0 Bog woodland

## SWEDEN

### Storön

SE0161

#### Habitats of Interest

9180 Tilio-Acerion ravine forests

### Svansvik kile

SE0162

#### Habitats of Interest

1160 Large shallow inlets and bays

### Sydkusten

SE0163

#### Habitats of Interest

6510 Lowland hay meadows (*Alopecurus pratensis*,  
*Sanguisorba officinalis*)

### Sydöstra Näsudden

SE0164

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on  
calcareous substrates (*Festuco Brometaha*) (\*imp)

### Tistersöarna

SE0165

#### Habitats of Interest

1160 Large shallow inlets and bays

### Torsmyran

SE0166

#### Habitats of Interest

7110 Active raised bogs  
91D0 Bog woodland

### Tostebergakusten

SE0168

#### Habitats of Interest

1160 Large shallow inlets and bays  
6210 Semi-natural dry grasslands and scrubland facies on  
calcareous substrates (*Festuco Brometaha*) (\*imp)

### Trolle Ljungby Mosse

SE0170

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on  
calcareous substrates (*Festuco Brometaha*) (\*imp)

### Tulpans

SE0171

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on  
calcareous substrates (*Festuco Brometaha*) (\*imp)

### Tunabergskusten

SE0172

#### Habitats of Interest

9180 Tilio-Acerion ravine forests

### Uddevallshyltan

SE0173

#### Habitats of Interest

91E0 Residual alluvial forests (*Alnion*)

### Umeälvens delta

SE0174

### Vädersjön

SE0175

#### Habitats of Interest

9180 Tilio-Acerion ravine forests

### Vagnsmossen

SE0176

#### Habitats of Interest

91D0 Bog woodland

### Vålberga mosse

SE0177

## SWEDEN

### Vällen södra

SE0178

#### Habitats of Interest

91D0 Bog woodland

### Vanserum-Bäck

SE0180

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*imp)

### Varshultamyren

SE0181

#### Habitats of Interest

7110 Active raised bogs

### Vartoftasjön

SE0182

#### Habitats of Interest

91E0 Residual alluvial forests (Alnion)

### Västersjön

SE0183

#### Habitats of Interest

91D0 Bog woodland

### Västgöta fjällar-Skogsbygden

SE0184

#### Habitats of Interest

6510 Lowland hay meadows (Alopecurus pratensis, Sanguisorba officinalis)

### Veksjömyr

SE0185

#### Habitats of Interest

91D0 Bog woodland

### Vitamossen

SE0186

#### Habitats of Interest

91D0 Bog woodland

### Vivesholm

SE0187

#### Habitats of Interest

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*imp)  
1160 Large shallow inlets and bays

## I. INTRODUCTION

1.1 *Biogeographic regions concerned:* Atlantic

1.2 *Executive Summary*

WWF was very concerned that the original list of pSCIs submitted by the UK would not achieve favourable conservation status for a large number of habitats and species in the Directive. An additional list of pSCIs is now awaited and WWF is hopeful that this will nearly double the total number of sites from 340 to over 600.

WWF continues to press the UK Joint Nature Conservation Committee to publish a document clarifying the extent of the UK resource of habitats and species listed in the Habitats Directive to enable informed comment at the second Atlantic seminar scheduled for October 2000.

## II. INFORMATION ON THE NATIONAL LIST OF PROPOSED SITES OF COMMUNITY IMPORTANCE

2.1 *Territory Covered and quantity aspects*

| Coverage of Proposed Sites        |              |
|-----------------------------------|--------------|
| The number of sites proposed      | 340*^        |
| Total area covered by sites       | 1,765,955 ha |
| Percentage of country's territory | 7.3 %        |
| % Land                            | 5.2%         |
| % Marine                          | 2.1%         |

\*148 in England, 131 in Scotland, 40 in Wales and 21 in Northern Ireland

^ some additional 270 sites are believed to be under consideration following the first Atlantic meeting in 1999

Sites are generally not large enough to achieve favourable conservation status for habitats and species. As a result the UK was requested to identify and submit additional pSCIs for 39 habitats and 14 species at the first Atlantic biogeographical meeting in 1999.

2.2 *Progress with the Natura 2000 process for site proposals – insufficiencies and difficulties*

The Government has submitted a list of proposed Sites of Community Importance (pSCIs) to the Commission. However, the following percentage of habitats and species was considered insufficiently represented at the last biogeographic seminar:

| Biogeographic region | % of Habitats insufficiently represented | % of Species insufficiently represented |
|----------------------|------------------------------------------|-----------------------------------------|
| Atlantic             | 50%                                      | 73%                                     |

The UK has recognised that its approach to pSCI selection prior to the first Atlantic biogeographical meeting was flawed. Since then, the UK has undergone a lengthy and robust process to 'cross-list' all European interest features on all sites and to address the problem of insufficient geographical representation across the UK. The Government is expected to propose in the region of 270 additional pSCIs (some 108 sites in England, 90 in Scotland, 50 in Wales and 30 in Northern Ireland). This figure will be confirmed when the list is formally published, possibly in June 2000. WWF understands that many of the sites on the WWF Shadow List will be included within the list of additional pSCIs.

The UK was amongst the first to submit a list of pSCIs to the Commission. Whilst this initial submission was inadequate, WWF recognises that the UK is attempting to address the deficiencies in the list before the second Atlantic meeting (October 2000). A delay in the publication of the list would probably be due to the large number of landowners and occupiers that need to be consulted before designation can take place.

## UK

Furthermore, under UK legislation, all terrestrial pSCIs are typically notified as SSSIs under the Wildlife and Countryside Act 1981. As a number of the sites proposed by the Government are not yet notified this could cause further delay.

### III. INFORMATION ON CONSULTATION PROCEDURES TO ELABORATE THE LIST OF PSCI

Consultation procedures have been carried out at every level. Every pSCI landowner and/or occupier has been consulted on an individual basis. In addition to this, many NGOs have been sent maps and descriptions of all sites to enable them to comment. A list of pSCIs has also been published. Individuals and NGOs were consulted before the original list of pSCIs was submitted to the Commission. The UK Government is intending to give owners and occupiers eight weeks from 7 June 2000 to respond to the additional 270 which it is proposing to add to the UK list of pSCIs.

NGOs have been involved in the process in a number of ways. Firstly, organisations such as the RSPB, the National Trust, the Wildlife Trusts and Butterfly Conservation own many of the pSCIs that have been, or will be, submitted to the Commission. As such, they have been consulted about the sites as landowners and/or occupiers. Many of the larger NGOs, including WWF, have also been sent maps and descriptions for each of the sites proposed to enable them to comment. At the very least most, if not all, of the relevant NGOs have been sent a full list of the sites proposed.

WWF was concerned that the original list of proposed pSCIs appeared to have been subjected to constraints as several of the larger or more contentious sites that clearly qualify for inclusion were omitted from the list (e.g. the River Tweed, an East coast estuary and Thorne and Hatfield Moors). A relatively small number of sites on the list were also subject to protracted debate with industry (e.g. the Solent, the Dorset Heaths and Peterborough Southern Township) and their submission to the Commission was consequently delayed. All pSCIs on the original list are now believed to have been submitted to the Commission. While many NGOs were concerned about the brevity of the pSCI list, it would appear that additional sites proposed by NGOs are now being given due consideration for inclusion on the pSCI list.

The impact of the consultation upon awareness raising of Natura 2000 is difficult to define. However, WWF would speculate that landowners and occupiers who were consulted still find the process, and the implications of the designation of their land as an SAC, quite confusing. WWF also ran a number of seminars on the Habitats Directive in 1999 which demonstrated that the level of awareness of and understanding about Natura 2000 remains low.

### IV. GLOBAL EVALUATION OF THE NATIONAL LIST OF PROPOSED SCI

Given that the public will not be consulted about the additional sites until after the compilation of this report, WWF-UK is not in a position to give a definitive view regarding gaps and deficiencies of the proposed national sites. However, WWF understand that the JNCC will publish a report clarifying (1) the extent of the resource of Annex I habitats and Annex II species occurring in the UK and (2) the percentage of that resource captured within the pSCI list. This report will be critical in defining WWF's position on the revised pSCI list. WWF urges the UK to ensure that this report is published within the period for public consultation.

Notwithstanding the above, the UK Government has declined to identify pSCIs for the harbour porpoise (*Phocoena phocoena*), a species listed on Annex II of the Habitats Directive. WWF and the Wildlife Trusts have published a report identifying a number of sites in the UK important for the harbour porpoise that are suitable for submission as pSCIs.

It would also appear that whilst the UK has included a number of contentious sites within the list of additional pSCIs, a small number of qualifying sites may still be omitted from the list. WWF will be placing special emphasis on the inclusion of such sites, including the River Tweed, in the list additional list of pSCIs.

## UK

The UK now appears to have included most of the larger and more important sites for the habitats listed in Annex I of the Directive, however, there are still large numbers of smaller sites supporting Annex I habitats which will receive little or no protection at all. The achievement of favourable conservation status for species listed in Annex II of the Directive is also problematic – particularly where the species occurs in isolated populations, such as the great crested newt (*Triturus cristatus*), or is relatively free ranging, such as the otter (*Lutra lutra*).

WWF therefore recognises that the protection and maintenance of habitats and species listed on the Directive outwith Natura 2000 sites is essential to the achievement of favourable conservation status. Accordingly, WWF has established a project in Cornwall to map the occurrence interests on the Habitats Directive and to recommend how they may best be protected and/or managed (e.g. through the use of agri-environment schemes, regional/local site designation and appropriate planning policies etc).

### V. CONSERVATION OF SITES IDENTIFIED AS PSCI

The Welsh Rugby Union is proposing to build a Centre of Excellence immediately adjacent to the River Usk pSCI near Caerleon in Wales. The River Usk is important for fish species, including the twaite and allis shad, and the otter, all of which are listed on Annex II of the Habitats Directive. There is concern that the development in such close proximity to the River would lead to the deterioration in water quality and the disturbance of species such as the otter that range throughout the Usk Valley.

There also appear to be differences in the approach to site selection within the four UK countries. For example, the DETR is considering the River Tweed SSSI on the England/Scotland border as an pSCI on the basis of its importance for the Atlantic Salmon (*Salmo salar*), the otter (*Lutra lutra*) and floating vegetation of *Ranunculus* of plain and submountainous rivers. The Scottish Executive appears to oppose the selection of this site as an pSCI.

**Report compiled by: Carol Hatton**

**Date: 19 May 2000**

## **United Kingdom**

**Abbot's and Wybunbury Mosses**

**UK-BH97**

### **Habitats of Interest**

91D0 Bog woodland

**Adderstonlee and Buckstruther Mosses**

**UK-BH99**

### **Habitats of Interest**

91D0 Bog woodland

**Annaghagh Bog**

**UK-BH119**

### **Habitats of Interest**

7120 Degraded raised bogs (still capable of regeneration)  
7110 Active raised bogs

**Arthog Bog**

**UK-BH68**

### **Habitats of Interest**

7110 Active raised bogs

**Ashberry & Reins Wood**

**UK-BH31**

### **Habitats of Interest**

9180 Tilio-Acerion ravine forests

**Aston Rowant**

**UK-BH26**

### **Habitats of Interest**

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

**Aston Upthorpe Down**

**UK-BH4**

### **Habitats of Interest**

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

**Aughnadarragh Lough**

**UK-BH118**

### **Species of interest**

1065 Euphydryas aurinia

**Axmouth-Lyme Regis**

**UK-BH53**

### **Habitats of Interest**

9180 Tilio-Acerion ravine forests

**Ballykilbeg**

**UK-BH117**

### **Species of interest**

1065 Euphydryas aurinia

**Banagher Glen**

**UK-BH127**

### **Habitats of Interest**

91D0 Bog woodland

**Bann Estuary**

**UK-BH126**

### **Habitats of Interest**

91D0 Bog woodland

**Barnsley Warren**

**UK-BH12**

### **Habitats of Interest**

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

**Barton Hills**

**UK-BH15**

### **Habitats of Interest**

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

**Beckhole Wood**

**UK-BH34**

**Habitats of Interest**

9180 Tilio-Acerion ravine forests

**Berry Head**

**UK-BH6**

**Habitats of Interest**

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

**Bolton Fell**

**UK-BH59**

**Habitats of Interest**

7120 Degraded raised bogs (still capable of regeneration)

**Box Hill, Headley**

**UK-BH25**

**Habitats of Interest**

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

**Brackagh Moss**

**UK-BH130**

**Species of interest**

1355 Lutra lutra

**Habitats of Interest**

7120 Degraded raised bogs (still capable of regeneration)

**Braithwaite Moss and Bassenthwaite Woods**

**UK-BH96**

**Habitats of Interest**

91D0 Bog woodland

**Brean Down & Uphill Cliff**

**UK-BH8**

**Habitats of Interest**

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

**Breen Wood**

**UK-BH138**

**Species of interest**

1355 Lutra lutra

**Bryn Maelgwyn & Gloddaeth**

**UK-BH37**

**Habitats of Interest**

9180 Tilio-Acerion ravine forests

**Carlingford Lough**

**UK-BH116**

**Habitats of Interest**

1130 Estuaries  
1160 Large shallow inlets and bays

**Carn/Glenshane Pass**

**UK-BH115**

**Species of interest**

1355 Lutra lutra

**Carrickbawn**

**UK-BH137**

**Habitats of Interest**

4040 Dry coastal heaths with Erica vagans and Ulex

**Carsedown and Borrow Mosses**

**UK-BH66**

**Habitats of Interest**

7110 Active raised bogs

**Cemlyn Lagoon**

**UK-BH92**

**Habitats of Interest**

1150 Lagoons

**Chartley Moss**

**UK-BH101**

**Habitats of Interest**

91D0 Bog woodland

**Cheddar Gorge**

**UK-BH9**

**Habitats of Interest**

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*imp)

**Clarepool Moss**

**UK-BH102**

**Habitats of Interest**

91D0 Bog woodland

**Cliburn Moss**

**UK-BH104**

**Habitats of Interest**

91D0 Bog woodland

**Cliffe Marshes Lagoons**

**UK-BH91**

**Habitats of Interest**

1150 Lagoons

**Coed Aber Edw**

**UK-BH39**

**Habitats of Interest**

9180 Tilio-Acerion ravine forests

**Coed Dolgarrog**

**UK-BH41**

**Habitats of Interest**

9180 Tilio-Acerion ravine forests

**Colt Park & Ling Gill**

**UK-BH29**

**Habitats of Interest**

9180 Tilio-Acerion ravine forests

**Compton & Tennyson Downs**

**UK-BH23**

**Habitats of Interest**

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*imp)

**Coombe Woods**

**UK-BH40**

**Habitats of Interest**

9180 Tilio-Acerion ravine forests

**Crook Peak**

**UK-BH7**

**Habitats of Interest**

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*imp)

**Deroran Bog**

**UK-BH114**

**Habitats of Interest**

7110 Active raised bogs  
7120 Degraded raised bogs (still capable of regeneration)

**Din Moss**

**UK-BH67**

**Habitats of Interest**

7110 Active raised bogs

**Dooden Moss**

**UK-BH71**

**Habitats of Interest**

7110 Active raised bogs

**Drimnin**

**UK-BH54**

**Habitats of Interest**

9180 Tilio-Acerion ravine forests

**Drumburgh - Fingland Moss**

**UK-BH75**

**Habitats of Interest**

7110 Active raised bogs

**Druncarn**

**UK-BH129**

**Species of interest**

1065 Euphydryas aurinia

**Duggleby High Barn Wold**

**UK-BH3**

**Habitats of Interest**

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

**East Dale**

**UK-BH13**

**Habitats of Interest**

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

**Eggardon Hill, Haydon & Askerwell Downs**

**UK-BH19**

**Habitats of Interest**

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

**Fairy Water Bogs**

**UK-BH113**

**Habitats of Interest**

7110 Active raised bogs

**Fenn's & Whixall Mosses**

**UK-BH136**

**Habitats of Interest**

91D0 Bog woodland

**Foulden Common**

**UK-BH14**

**Habitats of Interest**

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

**Foulsham Moss**

**UK-BH61**

**Habitats of Interest**

7120 Degraded raised bogs (still capable of regeneration)

**Glasdrum Wood**

**UK-BH43**

**Habitats of Interest**

9180 Tilio-Acerion ravine forests

**Glen Affric Bogs**

**UK-BH135**

**Habitats of Interest**

91D0 Bog woodland

**Glen Tanar**

**OTT06**

**Species of interest**

1355 Lutra lutra

**Glen Tarff**

**UK-BH42**

**Habitats of Interest**

9180 Tilio-Acerion ravine forests

**Gowbarrow Wood**

**UK-BH48**

**Habitats of Interest**

9180 Tilio-Acerion ravine forests

**Habberley Valley**

**UK-BH30**

**Habitats of Interest**

9180 Tilio-Acerion ravine forests

**Halesend Wood**

**UK-BH36**

**Habitats of Interest**

9180 Tilio-Acerion ravine forests

**Hatfield Moors**

**UK-BH62**

**Habitats of Interest**

7120 Degraded raised bogs (still capable of regeneration)

**Helbeck-Swindale Woods**

**UK-BH50**

**Habitats of Interest**

9180 Tilio-Acerion ravine forests

**Hornsleasow Roughts**

**UK-BH11**

**Habitats of Interest**

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*imp)

**Inshargy Bog**

**UK-BH112**

**Species of interest**

1065 Euphydryas aurinia

**Habitats of Interest**

7120 Degraded raised bogs (still capable of regeneration)

**Keltney Burn**

**UK-BH46**

**Habitats of Interest**

9180 Tilio-Acerion ravine forests

**Killiecrankie Woods**

**UK-BH56**

**Habitats of Interest**

9180 Tilio-Acerion ravine forests

**Kirkconnell Flow**

**UK-BH65**

**Habitats of Interest**

7110 Active raised bogs  
91D0 Bog woodland

**Kisdon Force Woods**

**UK-BH52**

**Habitats of Interest**

9180 Tilio-Acerion ravine forests

**Lackan Bog**

**UK-BH111**

**Habitats of Interest**

7120 Degraded raised bogs (still capable of regeneration)

**Loch Craignish**

**UK-BH90**

**Habitats of Interest**

1160 Large shallow inlets and bays

**Loch Laxford**

**UK-BH84**

**Species of interest**

1351 Phocoena phocoena

**Habitats of Interest**

1160 Large shallow inlets and bays

**Loch Lomond and River Endrick**

**OTT04**

**Species of interest**

1355 Lutra lutra  
1106 Salmo salar

**Loch Nan Ceall**

**UK-BH77**

**Habitats of Interest**

1160 Large shallow inlets and bays

**loch Ordais**

**UK-BH94**

**Habitats of Interest**

1150 Lagoons

**Loch Ryan**

**UK-BH85**

**Habitats of Interest**

1160 Large shallow inlets and bays  
1170 Reefs

**Loch Shiel Extension to Claish Moss and Kentra Moss**

**OTT12**                      **Species of interest**  
1355      Lutra lutra

**Lochar Moss Complex**

**UK-BH58**

**Habitats of Interest**

7120      Degraded raised bogs (still capable of regeneration)

**Longbridge Muir**

**UK-BH64**

**Habitats of Interest**

7110      Active raised bogs

**Lough Neagh and Lough Beg**

**UK-BH131**                      **Species of interest**  
1355      Lutra lutra

**Lower Derwent Valley Extension (R. Derwent) Yorkshire**

**OTT03**                      **Species of interest**  
1355      Lutra lutra

**Lower Loch Linnhe**

**UK-BH89**                      **Species of interest**  
1355      Lutra lutra

**Habitats of Interest**

1160      Large shallow inlets and bays

**Lower Lough Erne and Upper Lough Erne**

**UK-BH120**

**Lyme Bay**

**UK-BH80**

**Habitats of Interest**

1160      Large shallow inlets and bays

**Main Valley Bogs**

**UK-BH133**

**Habitats of Interest**

7110      Active raised bogs  
7120      Degraded raised bogs (still capable of regeneration)

**Malham Tarn Moss**

**UK-BH74**

**Habitats of Interest**

7110      Active raised bogs

**Martin Down**

**UK-BH2**

**Habitats of Interest**

6210      Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

**Meenadoan Bog**

**UK-BH110**

**Habitats of Interest**

7110      Active raised bogs  
7120      Degraded raised bogs (still capable of regeneration)

**Mendip Woodlands**

**UK-BH45**

**Habitats of Interest**

9180      Tilio-Acerion ravine forests

**Methven Moss**

**UK-BH73**

**Habitats of Interest**

7110      Active raised bogs

**Minchinhampton Common**

**UK-BH10**

**Habitats of Interest**

6210      Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

**Mochrum Lochs**

**OTT13**                      **Species of interest**  
1355              Lutra lutra

**Monegal Bog**

**UK-BH109**

**Habitats of Interest**

7110              Active raised bogs

**Moneystaghan Bog**

**UK-BH108**

**Habitats of Interest**

7120              Degraded raised bogs (still capable of regeneration)

**Moninea Bog**

**UK-BH107**

**Habitats of Interest**

7110              Active raised bogs

**Montiaghs Moss**

**UK-BH132**                      **Species of interest**  
1065              Euphydryas aurinia

**Habitats of Interest**

7120              Degraded raised bogs (still capable of regeneration)

**Moorthwaite and Cumwhitton Mosses**

**UK-BH100**

**Habitats of Interest**

91D0              Bog woodland

**Moorthwaite Moss**

**UK-BH69**

**Habitats of Interest**

7110              Active raised bogs

**Moss of Cree**

**UK-BH57**

**Habitats of Interest**

7120              Degraded raised bogs (still capable of regeneration)

**Mound Alderwoods Extension (Loch Fleet)**

**OTT07**                      **Species of interest**  
1355              Lutra lutra

**Mousa Sound / Noss Sound**

**UK-BH82**                      **Species of interest**  
1355              Lutra lutra  
1351              Phocoena phocoena

**Muir of Dinnet**

**OTT11**                      **Species of interest**  
1355              Lutra lutra  
1106              Salmo salar

**North Harris**

**OTT15**                      **Species of interest**  
1355              Lutra lutra

**Old Winchester Hill**

**UK-BH1**

**Habitats of Interest**

6210              Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

**Oldbury Castle & Cherhill Down**

**UK-BH20**

**Habitats of Interest**

6210              Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

**Orton and Finglandrigg Woods**

**UK-BH103**

**Habitats of Interest**

91D0              Bog woodland

**South East Islay Skerries**

**UK-BH76**                      **Species of interest**  
1355              Lutra lutra

**Pagham Harbour Lagoons**

**UK-BH79**

**Habitats of Interest**

1150              Lagoons

**Parsonage Down & Yarnbury Castle**

**UK-BH17**

**Habitats of Interest**

6210              Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*imp)

**Peatlands Park**

**UK-BH128**                      **Species of interest**  
1065              Euphydryas aurinia

**Habitats of Interest**

7110              Active raised bogs  
7120              Degraded raised bogs (still capable of regeneration)

**Pembrokeshire Islands**

**UK-BH81**                      **Species of interest**  
1351              Phocoena phocoena

**Penmoelallt & Darren Fach**

**UK-BH38**

**Habitats of Interest**

9180              Tilio-Acerion ravine forests

**Pewsey Downs**

**UK-BH21**

**Habitats of Interest**

6210              Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*imp)

**Prescombe Down**

**UK-BH18**

**Habitats of Interest**

6210              Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*imp)

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**Purple Hill & Queen Down Warren**

**UK-BH22**

**Habitats of Interest**

6210              Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*imp)

**Raincliffe Wood**

**UK-BH32**

**Habitats of Interest**

9180              Tilio-Acerion ravine forests

**Rasos de Peguera**

**ES1**                              **Species of interest**  
1902              Cypripedium calceolus

**Rassal Wood**

**UK-BH55**

**Habitats of Interest**

9180              Tilio-Acerion ravine forests

**River Derwent, Derwent Water and Bassenthwaite Lake**

**OTT09**                      **Species of interest**  
1355              Lutra lutra  
1106              Salmo salar

**River Eden**

**OTT01**                      **Species of interest**  
1355              Lutra lutra  
1106              Salmo salar

**River Ehen**

**UK-BH134**

**Species of interest**

1355 Lutra lutra

**River Itchen**

**OTT08**

**Species of interest**

1355 Lutra lutra  
1106 Salmo salar

**River Tweed**

**OTT14**

**Species of interest**

1355 Lutra lutra  
1106 Salmo salar

**River Usk**

**OTT05**

**Species of interest**

1355 Lutra lutra  
1106 Salmo salar

**Scratchbury & Cotley Hills**

**UK-BH16**

**Habitats of Interest**

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*impo

**Seal Sands**

**UK-BH83**

**Habitats of Interest**

1130 Estuaries

**Seven Sisters**

**UK-BH93**

**Habitats of Interest**

1170 Reefs

**Shipley Wood**

**UK-BH51**

**Habitats of Interest**

9180 Tilio-Acerion ravine forests

**Skoska & Hawkswick Woods**

**UK-BH33**

**Habitats of Interest**

9180 Tilio-Acerion ravine forests

**Smardale Woods**

**UK-BH49**

**Habitats of Interest**

9180 Tilio-Acerion ravine forests

**Snowdonia**

**OTT02**

**Species of interest**

1355 Lutra lutra  
1106 Salmo salar

**Solway Moss**

**UK-BH60**

**Habitats of Interest**

7120 Degraded raised bogs (still capable of regeneration)

**Solway Moss Woods**

**UK-BH98**

**Habitats of Interest**

91D0 Bog woodland

**Stenhouse & Chanlockfoot Woods**

**UK-BH47**

**Habitats of Interest**

9180 Tilio-Acerion ravine forests

**Strangford Lough**

**UK-BH125**

**Habitats of Interest**

1160 Large shallow inlets and bays  
1170 Reefs

**Swinter Voe and the Houb of Fora Ness**

**UK-BH88**                      **Species of interest**  
1355      Lutra lutra

**Habitats of Interest**

1150      Lagoons  
1160      Large shallow inlets and bays

**Tattenamona Bog**

**UK-BH106**

**Habitats of Interest**

7120      Degraded raised bogs (still capable of regeneration)  
7110      Active raised bogs

**The Rhinns, Islay**

**UK-BH28**                      **Species of interest**  
1065      Euphydryas aurinia

**Therfield Heath**

**UK-BH24**

**Habitats of Interest**

6210      Semi-natural dry grasslands and scrubland facies on  
calcareous substrates (Festuco Brometaha) (\*impo

**Threepwood Moss**

**UK-BH70**

**Habitats of Interest**

7110      Active raised bogs

**Tick Wood**

**UK-BH35**

**Habitats of Interest**

9180      Tilio-Acerion ravine forests

**Tonnagh Beg Bog**

**UK-BH121**

**Habitats of Interest**

7110      Active raised bogs

**Torbay**

**UK-BH87**

**Habitats of Interest**

1170      Reefs  
1160      Large shallow inlets and bays

**Treshnish Isles**

**UK-BH86**                      **Species of interest**  
1355      Lutra lutra  
1351      Phocoena phocoena

**Upper Ballinderry River**

**UK-BH122**                      **Species of interest**  
1355      Lutra lutra

**Walton Breaks and Broomhill Mosses**

**UK-BH72**

**Habitats of Interest**

7110      Active raised bogs

**Waterdale**

**UK-BH5**

**Habitats of Interest**

6210      Semi-natural dry grasslands and scrubland facies on  
calcareous substrates (Festuco Brometaha) (\*impo

**Waveney and Little Ouse Valley Fens(River Extensions)**

**OTT10**                      **Species of interest**  
1355      Lutra lutra

**Wedholme Flow**

**UK-BH63**

**Habitats of Interest**

7120      Degraded raised bogs (still capable of regeneration)

**West Fermanagh Scarplands**

**UK-BH123**

**Habitats of Interest**

- 9180 Tilio-Acerion ravine forests
- 6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*imp)

**Weston Big Wood**

**UK-BH44**

**Habitats of Interest**

- 9180 Tilio-Acerion ravine forests

**Whiteness Voe**

**UK-BH78**

**Habitats of Interest**

- 1160 Large shallow inlets and bays

**Widewater Lagoon**

**UK-BH95**

**Habitats of Interest**

- 1150 Lagoons

**Wolf Island Bog**

**UK-BH124**

**Wylie Down**

**UK-BH27**

**Habitats of Interest**

- 6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (\*imp)