Habitats Directive
WWF European Shadow List

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.
Acknowledgements

WWF European Policy Office is grateful to a number of individuals and organisations that contributed to the preparation of this report.

The Introduction to the report and co-ordination of the project were undertaken by Marta Ballesteros and Sandra Jen, WWF-EPO.

The database software and support for the maps and tables were provided by Ian Hepburn of NaturData and Martin Newman, Software Consultant.

The National Reports were drafted by and with assistance from: Christopher Walder, WWF-Austria; David Beyen, Luc Dries and Irene Garlanda, WWF Belgium; Per Torsten Sørensen, WWF Denmark; Mikko Pitkänen and Jarri Luukkonen, WWF Finland; Tapani Veistola, Suomen luonnonsuojeluliitto (Finnish Association for Nature Conservation); Christine Sourd and Laurent Poncet, WWF-France; Panagiota Maragou, WWF-Greece; Peter Foss and Rosaleen Dwyer, Irish Peatland Conservation Council; Fulvio Cerfolli, WWF-Italy; Claudine Junck and Fernand Schoos, Mouvement Ecologique, Ligue luxembourgeoise pour la protection de la Nature et des Oiseaux; Eduard Osieck and Carolien Borrgreve, BirdLife Netherlands/Vogelbescherming Nederland; Maria João Martins, Helena Freitas, LPN – Liga para a Protecção da Natureza; Guy Beaufoy, Sira Jiménez Caballero, Raúl Estévez, Pablo Xandi and Susana Requena, WWF-Spain/Adena; Staffan Danielsson, WWF-Sweden; Carol Hatton and Rebecca Halahan, WWF-UK.

The summary of the national reports and the editing and compiling of the overall report was undertaken by Jodi Newcombe and Clare Coffey of IEEP (Institute for European Environmental Policy) in London.

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.

WWF’s European Policy Office gratefully acknowledges Activity Funding support from the Commission of the European Communities.
Table of Contents

1. INTRODUCTION 9
   1-1 Natura 2000 European Ecological Network 9
   1-2 The WWF Initiative for a European Shadow List of Sites 11

2. SUMMARY OF THE NATIONAL REPORTS 13
   2-1 Europe’s Habitats and Species Insufficiently Represented 13
   2-2 The Extent and Nature of Proposed Sites 14
   2-3 Responding to the Natura 2000 Challenge 16
   2-4 Securing Protection for Listed Sites 17
   2-5 Conclusions 18

3. NATIONAL REPORTS AND LISTS OF SITES PROPOSED 21
   Table 1: Distribution of proposed Sites of Community Interest
   and sites proposed by WWF and partner NGOs
   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

4. MAP OF SITES PROPOSED BY WWF AND PARTNER NGOs  XXX

ANNEXES A-1
I. Habitats and Species Selected for the European Shadow List A-2
II. Criteria for Selecting Habitats and Species for the European Shadow List A-25
III. Representation of Annex I Habitats and Annex II Species in pSCI A-27
1 INTRODUCTION

1-1 NATURA 2000 EUROPEAN ECOLOGICAL NETWORK

The EU Habitats Directive\(^1\) in partnership with the Birds Directive\(^2\) 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.

---


**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\(^3\) 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\(^4\). 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.

---

\(^3\) See Annex I for a description of sites and habitats selected for the European Shadow List Initiative.

\(^4\) 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 percent of species insufficiently represented on average.

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;

---

5 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 (*Phoecena phocean*na) 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 5km² in Belgium to 193 km² in Portugal. Sweden, France, Finland and Luxembourg all have average site sizes below 50 km².

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 mouli*n*si*n*ana*), 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)⁶. 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.

---

⁶ 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 Grensmmaas 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 deteriorate7. 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

---

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 (Ionopsisidium 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 be 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’ most threatened habitats and species.
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\(^8\). 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

---

\(^8\) 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[1]
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%.

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

[1] Figures for Spain and Portugal exclude sites proposed in the Macaronesian Biogeographic Region for which data were not readily available in electronic format.
[2] 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.
[3] 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 km² 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

<table>
<thead>
<tr>
<th>Coverage of Proposed Sites</th>
</tr>
</thead>
<tbody>
<tr>
<td>The number of sites proposed</td>
</tr>
<tr>
<td>Total area covered by sites</td>
</tr>
<tr>
<td>Percentage of country’s territory</td>
</tr>
<tr>
<td>% Land</td>
</tr>
<tr>
<td>% Marine</td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>Biogeographic region</th>
<th>% of Habitats insufficiently represented</th>
<th>% of Species insufficiently represented</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alpine</td>
<td>38.3% (or 23 habitats out of 60)</td>
<td>44% (or 37 species out of 84)</td>
</tr>
<tr>
<td>Continental</td>
<td>49.2% (or 31 habitats out of 61)</td>
<td>50.7% (37 species out of 73)</td>
</tr>
</tbody>
</table>

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.
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

Aist-Naarn-Flussystem

AT11 Species of interest
1355 Lutra lutra

Habitats of Interest
9180 Tilio-Acerion ravine forests

Allentsteig

AT6 Species of interest
1355 Lutra lutra
1166 Triturus cristatus

Habitats of Interest
91D0 Bog woodland
7110 Active raised bogs

Atemlochermosser

AT44

Habitats of Interest
91D0 Bog woodland
7110 Active raised bogs

Auen der Grenzmur

AT22 Species of interest
1355 Lutra lutra

Habitats of Interest
91E0 Residual alluvial forests (Alnion

Böhmerwald

AT10 Species of interest
1355 Lutra lutra
1361 Lynx lynx

Habitats of Interest
7110 Active raised bogs
9180 Tilio-Acerion ravine forests
91E0 Residual alluvial forests (Alnion

Burgenländische Kalk- und Silikattrockenrasen

AT1

Habitats of Interest
6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (*imp

Egelsee

AT26 Species of interest
1166 Triturus cristatus

Habitats of Interest
7110 Active raised bogs
91D0 Bog woodland

Eisenerzer Alpen

AT19 Species of interest
1902 Cyripedium calceolus
1166 Triturus cristatus

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

Ennstaler Flyschalpen

AT12 Species of interest
1065 Euphydryas aurinia

Habitats of Interest
6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (*imp
9180 Tilio-Acerion ravine forests

Finkensteiner Moor

AT27

Habitats of Interest
91D0 Bog woodland

Flattnitz-Hochmoor

AT28 Species of interest
1361 Lynx lynx

Habitats of Interest
7110 Active raised bogs

Freiwald

AT13 Species of interest
1361 Lynx lynx

Habitats of Interest
9180 Tilio-Acerion ravine forests
7110 Active raised bogs

Freudsamer Moor-Gößeberg-Steinerkofel

AT30

Habitats of Interest
91D0 Bog woodland
7110 Active raised bogs
Frohnwiesen
AT31  Species of interest  1902  Cypripedium calceolus
Habitats of Interest  6210  Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (*impo

Gailschlucht im Lesachtal
AT25  Species of interest  1355  Lutra lutra
Habitats of Interest  91E0  Residual alluvial forests (Alnion

Gitschtal
AT32
Habitats of Interest  91E0  Residual alluvial forests (Alnion

Gurk
AT33
Habitats of Interest  9180  Tilio-Acerion ravine forests

Gurk-Niederung
AT-35  Species of interest  1355  Lutra lutra  1166  Triturus cristatus
Habitats of Interest  91E0  Residual alluvial forests (Alnion  7110  Active raised bogs

Hanság
AT2
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)

Hochmoore bei Feldkirchen
AT29
Habitats of Interest  7110  Active raised bogs  91D0  Bog woodland

Ibmer Moor
AT14
Habitats of Interest  7110  Active raised bogs

Innere Wimitz
AT34  Species of interest  1355  Lutra lutra
Habitats of Interest  91D0  Bog woodland  91E0  Residual alluvial forests (Alnion

Isel
AT45
Habitats of Interest  91E0  Residual alluvial forests (Alnion

Kaisergebirge/Schwemm
AT49  Species of interest  1902  Cypripedium calceolus  1065  Euphydryas aurinia
Habitats of Interest  7110  Active raised bogs  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
AT20  Species of interest  1355  Lutra lutra
Habitats of Interest  91E0  Residual alluvial forests (Alnion

Lammer
AT40
Habitats of Interest  91E0  Residual alluvial forests (Alnion
AUSTRIA

Landdeck (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

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

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
Habitats of Interest
91E0  Residual alluvial forests (Alnion)

Saalach
AT41
Habitats of Interest
9180  Tilio-Acerion ravine forests
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)
Sattnitz-Südabhänge
AT36 Species of interest 1902 Cypripedium calceolus

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

Steinfeld
AT9

Steirisches Ennstal
AT-51 Species of interest 1354 Ursus arctos

Habitats of Interest
7110 Active raised bogs
91D0 Bog woodland

Steyrta1
AT17

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

Taugl
AT42

Turnersee
AT37 Species of interest 1166 Triturus cristatus

Umgebung von Mattersburg
AT5

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

Wiesengebiete und Seen im Alpenvorland
AT43

Habitats of Interest
7110 Active raised bogs
<table>
<thead>
<tr>
<th>Location</th>
<th>Species of interest</th>
<th>Habitats of Interest</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wörthersee-Walterskirchen</td>
<td>1166 Triturus cristatus</td>
<td>7110 Active raised bogs, 91D0 Bog woodland</td>
</tr>
<tr>
<td>Zentrales Marchfeld</td>
<td>AT8</td>
<td>6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (*impo</td>
</tr>
</tbody>
</table>
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

<table>
<thead>
<tr>
<th>Coverage of Proposed Sites</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>The number of sites proposed</td>
<td>209</td>
</tr>
<tr>
<td>Total area covered by sites</td>
<td>1,107 km²</td>
</tr>
<tr>
<td>Percentage of country’s territory</td>
<td>3.2%</td>
</tr>
<tr>
<td>% Land</td>
<td>2.7%</td>
</tr>
<tr>
<td>% Marine</td>
<td>0.5%</td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>Biogeographic region</th>
<th>% of Habitats insufficiently represented</th>
<th>% of Species insufficiently represented</th>
</tr>
</thead>
<tbody>
<tr>
<td>Atlantic</td>
<td>38%</td>
<td>33%</td>
</tr>
<tr>
<td>Continental</td>
<td>82%</td>
<td>67%</td>
</tr>
</tbody>
</table>

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’Atter, 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

Affluents supérieurs de la Houille, Gedinne
BEWA015
Habitats of Interest
91D0 Bog woodland

Aisances à Marloie, Marche en Famenne
BEWA016

Alluviale bossen in de omgeving van Lokeren
BEVL038

Alluviale bossen langs de Getes
BEVL028 Species of interest
1166 Triturus cristatus

Aulnaie de l’Etang du Moulin à Tintigny-Poncelle, Tintigny
BEWA073

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

Bassin de la Lesse (site 3)
BEWA049

Bassin de la Semois
BEWA053 Species of interest
1032 Unio crassus

Bassin de l’Our
BEWA019 Species of interest
1355 Lutra lutra
1032 Unio crassus

Blaimont, Hastière
BEWA018

Bois Cumont et Bois Jean Mouton, Philippeville
BEWA013

Bois de l'Hôpital et d’Hârpe, Seneffe et Nivelles
BEWA075

Habitats of Interest
91E0 Residual alluvial forests (Alnion)

Habitats of Interest
91E0 Residual alluvial forests (Alnion)

Habitats of Interest
91E0 Residual alluvial forests (Alnion)

Habitats of Interest
91E0 Residual alluvial forests (Alnion)

Habitats of Interest
9180 Tilio-Acerion ravine forests

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

Habitats of Interest
9180 Tilio-Acerion ravine forests

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

Habitats of Interest
91E0 Residual alluvial forests (Alnion)

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)
<table>
<thead>
<tr>
<th>Location</th>
<th>Species of interest</th>
<th>Habitats of Interest</th>
</tr>
</thead>
<tbody>
<tr>
<td>De Wolfsputten</td>
<td>1166 Triturus cristatus</td>
<td>91E0 Residual alluvial forests (Alnion)</td>
</tr>
<tr>
<td>Demervallei ten oosten van Aarschot</td>
<td></td>
<td>91E0 Residual alluvial forests (Alnion)</td>
</tr>
<tr>
<td>BEVL010 Species of interest</td>
<td>1166 Triturus cristatus</td>
<td>91E0 Residual alluvial forests (Alnion)</td>
</tr>
<tr>
<td>Demervallei ten westen van Aarschot</td>
<td></td>
<td>91E0 Residual alluvial forests (Alnion)</td>
</tr>
<tr>
<td>BEVL009 Species of interest</td>
<td>1166 Triturus cristatus</td>
<td>91E0 Residual alluvial forests (Alnion)</td>
</tr>
<tr>
<td>Dendervallei en aanliggende gebieden</td>
<td></td>
<td>91E0 Residual alluvial forests (Alnion)</td>
</tr>
<tr>
<td>Extension du site des Fagnes, Nassogne/St-Hubert, Tenneville</td>
<td></td>
<td>91D0 Bog woodland</td>
</tr>
<tr>
<td>Extension du site Fonds de Leffe, Dinant</td>
<td></td>
<td>6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (*impo</td>
</tr>
<tr>
<td>Extension du site Vallée de l’Hermeton, Philippeville</td>
<td></td>
<td>6510 Lowland hay meadows (Alopecurus pratensis, Sanguisorba officianalis)</td>
</tr>
<tr>
<td>BEWA079 Habitats of Interest</td>
<td></td>
<td>91E0 Residual alluvial forests (Alnion)</td>
</tr>
<tr>
<td>Extension du site Vodelée, Doische</td>
<td></td>
<td>6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (*impo</td>
</tr>
<tr>
<td>Extension du site Vallée de l’Hermeton, Philippeville</td>
<td></td>
<td>6510 Lowland hay meadows (Alopecurus pratensis, Sanguisorba officianalis)</td>
</tr>
<tr>
<td>Fagne Bassy, Leglise</td>
<td></td>
<td>91E0 Residual alluvial forests (Alnion)</td>
</tr>
<tr>
<td>Extension du site Vodelée, Doische</td>
<td></td>
<td>7110 Active raised bogs</td>
</tr>
<tr>
<td>Fagne de Fosse, Trois Ponts</td>
<td></td>
<td>7120 Degraded raised bogs (still capable of regeneration)</td>
</tr>
<tr>
<td>Extension du site Fonds de Leffe, Dinant</td>
<td></td>
<td>91D0 Bog woodland</td>
</tr>
<tr>
<td>Fagne de Heidelberg, Sankt-Vith</td>
<td></td>
<td>91D0 Bog woodland</td>
</tr>
<tr>
<td>Fagne de Hermancheneu, Gouvy</td>
<td></td>
<td>91D0 Bog woodland</td>
</tr>
<tr>
<td>Fagne de Ma Campagne, Malmédy</td>
<td></td>
<td>91D0 Bog woodland</td>
</tr>
<tr>
<td>Fagne de Quattres Vents, Vielsalm</td>
<td></td>
<td>91D0 Bog woodland</td>
</tr>
</tbody>
</table>
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

Forêt de Mirwart, Saint-Hubert
BEWA072

Fond du Pierreu, Ferrières
BEWA007

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

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

Fonds de Forêt, Trooz
BEWA030

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

Fouyeu à Barvaux, Durbuy
BEWA005

Habitats of Interest
91E0 Residual alluvial forests (Alnion

Fouyeu à Barvaux, Durbuy
BEWA005

Habitats of Interest
91E0 Residual alluvial forests (Alnion

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

Hoursinne, Manhay
BEWA031

Habitats of Interest
91E0 Residual alluvial forests (Alnion

Keha
BEVL042

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

Labuissière, Thuin
BEWA032 Species of interest
1166 Triturus cristatus

Le Bois Gratte-Pierre et Macqenoise, Momignies
BEWA074

Le deux Ourthes en amont de Nisramont, La Roche en Ardenne
BEWA033

Le Pouhon de Blanchimont à Francorchamps, Stavelot
BEWA068

Lombergbos-Kesterheide
BEVL036

Marais de la Cussignière, Musson
BEWA069

Marais de Prouvy, Chiny-Tintigny
BEWA034

Mardelles de la Haute Semois, Léglise 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

Mechelse heide en vallei van de Ziepbeek
BEVL020

Middenloop van de Dijle
BEVL034

Netevallei
BEVL039

Pelouse en surplomb de la gare de Melreux, Hotton
BEWA006

Habitats of Interest
91E0 Residual alluvial forests (Alnion)

91E0 Residual alluvial forests (Alnion)

91E0 Residual alluvial forests (Alnion)

91E0 Residual alluvial forests (Alnion)

91E0 Residual alluvial forests (Alnion)

91E0 Residual alluvial forests (Alnion)

91E0 Residual alluvial forests (Alnion)

7120 Degraded raised bogs (still capable of regeneration)

91E0 Residual alluvial forests (Alnion)

91E0 Residual alluvial forests (Alnion)

6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (*impo
Plateau van Caestert met hellingbossen en mergelgroeven
BEVL.021 Species of interest
1318 Myotis dasycneme

Propriète du Chateau de Modave, Modave
BEWA.038

Réserve de Bohan-Membre, Vresse sur Semois
BEWA.011

Rocher de la Marquise à Huccorgne, Wanze
BEWA.009

Ruisseau de Noire Fagne, Vielsalm
BEWA.040

Ruisseau du Haloi à Orsingfalle, Etalle
BEWA.042

Sablrière d’Onhaye, Onhaye
BEWA.041 Species of interest
1166 Triturus cristatus

Schelde- en Durme-estuarium van de Nederlandse grens tot Gent
BEVL.004 Species of interest
1166 Triturus cristatus

Site à Beauraing
BEWA.003 Species of interest
1065 Euphydryas aurinia

Site à Durbuy
BEWA.002 Species of interest
1065 Euphydryas aurinia

Site à Marche-en-Famenne
BEWA.001 Species of interest
1065 Euphydryas aurinia

Site à Somme-Leuze
BEWA.004 Species of interest
1065 Euphydryas aurinia

Sol Fagne, Houffalize
BEWA.043

Sources du Noir Ru et Plateau de Longbiermé, Trois-Pont/Stavelot
BEWA.044

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

Habitats of Interest
6510 Lowland hay meadows (Alopecurus pratensis, Sanguisorba officianalis)

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

Habitats of Interest
91D0 Bog woodland

Habitats of Interest
91E0 Residual alluvial forests (Alnion)
1130 Estuaries

Habitats of Interest
7110 Active raised bogs
91D0 Bog woodland
7120 Degraded raised bogs (still capable of regeneration)
Tienne du Bossu, Couvin
BEWA080

Tourbières de Sofa à Sugny, Vresse-sur-Semois
BEWA066

Uiterwaarden langs de Limburgse Maas met Vijverbroek
BEVL022  Species of interest
1166 Triturus cristatus

Vague de Gomhets, Chiny-Tintigny
BEWA012

Vallée d'Aise, Herbeumont
BEWA045

Vallée de la Basseille et affluents, Légîle
BEWA046

Vallée de la Chinelle, Philippeville
BEWA082

Vallée de la Houille et se affluents, Gedinne et Beauring
BEWA047

Vallée de la Lembrée en amont de Vieuxville, Ferrières
BEWA048

Vallée de la Masblette et affluents, Nassogne/Saint-Hubert
BEWA052

Vallée de la Rouge Eau, Saint-Leger et Etalle
BEWA071

Vallée de la Sure, Fauvillers et Martelange
BEWA054  Species of interest
1355 Lutra lutra

Vallée de l'Amblève, Aywalle et Comblain au Pont
BEWA055

Vallée de l'Antroigne, Herbeumont
BEWA056

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) (*impo

Habitats of Interest
91D0 Bog woodland

Habitats of Interest
91E0 Residual alluvial forests (Alnion)

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

Habitats of Interest
9180 Tilio-Acerion ravine forests

Habitats of Interest
91D0 Bog woodland

Habitats of Interest
9180 Tilio-Acerion ravine forests

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

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

Habitats of Interest
91E0 Residual alluvial forests (Alnion)

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

Habitats of Interest
91E0 Residual alluvial forests (Alnion)

Habitats of Interest
9180 Tilio-Acerion ravine forests

Habitats of Interest
91E0 Residual alluvial forests (Alnion)

Habitats of Interest
9180 Tilio-Acerion ravine forests

Habitats of Interest
91E0 Residual alluvial forests (Alnion)

Habitats of Interest
9180 Tilio-Acerion ravine forests
**BELGIUM**

Vallée de l’Ourthe, La Roche en Ardenne/Rendeux/Hotton
BEWA057  Species of interest
1355  Lutra lutra

Vallée du Bocq, Yvoir
BEWA058

Vallée du Congo, Stoumont
BEWA059

Valléedu Ponceau, Trois-Ponts
BEWA060

Vallée du Royen, La Roche-en-Ardenne
BEWA061

Vallée du Ruisseau de la Mer, La Roche-en-Ardenne
BEWA062

Vallée du Samson, Gesves
BEWA063

Vallées de la Mache et de l’Our et leurs affluents, Daverdisse
BEWA064

Vallées du Trifoi et du Houyoux, Marchin
BEWA065

Vallei- en brongebied van de Zwarte Beek, Bollisserbeek en Domme
BEVL017  Species of interest
1166  Triturus cristatus

Valleibossen te Gierle-Vosselaar
BEVL040

Valleien van de Laambeek, Zonderikbeek, Slangebeek en Roosterbee
BEVL019

Valleien van Dijle, Laan en Ijse met aangrenzende bos en moerasg
BEVL007

Valleien van Winge en Motte met valleihellingen
BEVL008  Species of interest
1166  Triturus cristatus

Valleigebied tussen Melsbroek, Kampenhout, Kortemberg en Veltem
BEVL006

**Habitats of Interest**

- 6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometalia) (*impo
- 9180 Tilio-Acerion ravine forests
- 9180 Tilio-Acerion ravine forests
- 9180 Tilio-Acerion ravine forests
- 9180 Tilio-Acerion ravine forests
- 9180 Tilio-Acerion ravine forests
- 9180 Tilio-Acerion ravine forests
- 9180 Tilio-Acerion ravine forests
- 9180 Tilio-Acerion ravine forests
- 9180 Tilio-Acerion ravine forests
- 9180 Tilio-Acerion ravine forests
- 91E0 Residual alluvial forests (Alnion)

**Habitats of Interest**

- 7110 Active raised bogs
- 7120 Degraded raised bogs (still capable of regeneration)
- 7120 Degraded raised bogs (still capable of regeneration)
- 91E0 Residual alluvial forests (Alnion)
- 91E0 Residual alluvial forests (Alnion)
- 91E0 Residual alluvial forests (Alnion)
BELGIUM

Vennen, heiden en moerassen rond Turnhout
BEVL.015

Voerstreek
BEVL.024
Species of interest
1166 Triturus cristatus

Westbroek Ijzervallei
BEVL.031
Species of interest
1166 Triturus cristatus

Westvlaams Heuvelland
BEVL.001

Zennevallei
BEVL.027
Species of interest
1166 Triturus cristatus

91E0 Residual alluvial forests (Alnion)

Habitats of Interest
91E0 Residual alluvial forests (Alnion)

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

<table>
<thead>
<tr>
<th>Coverage of Proposed Sites</th>
</tr>
</thead>
<tbody>
<tr>
<td>The number of sites proposed</td>
</tr>
<tr>
<td>Total area covered by sites</td>
</tr>
<tr>
<td>Percentage of country’s territory</td>
</tr>
<tr>
<td>% Land</td>
</tr>
<tr>
<td>% Marine</td>
</tr>
</tbody>
</table>

*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:

<table>
<thead>
<tr>
<th>Biogeographic region</th>
<th>% of Habitats insufficiently represented</th>
<th>% of Species insufficiently represented</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continental</td>
<td>28% (or 16 habitats out of 57)</td>
<td>20% (or 6 species out of 30)</td>
</tr>
<tr>
<td>Atlantic</td>
<td>12% (or 6 species out of 47)</td>
<td>0% (0 species out of 19)</td>
</tr>
</tbody>
</table>

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 administring the Directive and extensive consultations with stakeholders involved in the process.
II. INFORMATION ON CONSULTATION PROCEDURES TO ELABORATE THE LIST OF PSCI

There have been several national public consultation procedures (or public enquiries) 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 lead 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

Abkær Mose mellem Åbenrå og Haderslev
DK031

Asnæs Rev
DK039

Bjergene inklusiv Rævebjerg ved Fårevejle
DK042

Bjerre Skov ved Hadsten
DK020

Bjørumgård Skov ved Vestbjerg
DK007

Bolling Mose ved Engesvang
DK023

Bornholmske bevoksede sprækkedale
DK050

Bradstrup Mose ved Ravnkalde
DK004

Brandstrup Nørremose ved Rødkaersbro
DK018

Egensekloster Skov ved Egense
DK005

Elefantgrunden i Storebælt
DK052

Fjerritslev, Klim, Vester Thorup og Valbjerg Sande
DK012

Frejlev Skov
DK036

Helnæs Bugt
DK033

Horns Rev i Nordsøen vest for Blåvand
DK051

Habitats of Interest

7120 Degraded raised bogs (still capable of regeneration)

1170 Reefs

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

91E0 Residual alluvial forests (Alnion

91E0 Residual alluvial forests (Alnion

7120 Degraded raised bogs (still capable of regeneration)

9180 Tilio-Acerion ravine forests

7120 Degraded raised bogs (still capable of regeneration)

91E0 Residual alluvial forests (Alnion

1170 Reefs

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

9180 Tilio-Acerion ravine forests

1160 Large shallow inlets and bays

1170 Reefs
<table>
<thead>
<tr>
<th>Location</th>
<th>Code</th>
<th>Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isefjorden</td>
<td>DK038</td>
<td>Habitats of Interest</td>
<td>1160 Large shallow inlets and bays</td>
</tr>
<tr>
<td>Jægersborg Dyrehave - ellesumpe</td>
<td>DK046</td>
<td>Habitats of Interest</td>
<td>91E0 Residual alluvial forests (Alnion)</td>
</tr>
<tr>
<td>Klokkedal Skov ved Horsens</td>
<td>DK027</td>
<td>Habitats of Interest</td>
<td>91E0 Residual alluvial forests (Alnion)</td>
</tr>
<tr>
<td>Korshage ved Rørvig</td>
<td>DK043</td>
<td>Habitats of Interest</td>
<td>6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (*impo)</td>
</tr>
<tr>
<td>Kvækerby Mose ved Ringsted</td>
<td>DK041</td>
<td>Habitats of Interest</td>
<td>91E0 Residual alluvial forests (Alnion)</td>
</tr>
<tr>
<td>Kyndby skrænterne</td>
<td>DK045</td>
<td>Habitats of Interest</td>
<td>6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (*impo)</td>
</tr>
<tr>
<td>Langbjerg Plantage - moseområde</td>
<td>DK024</td>
<td>Habitats of Interest</td>
<td>7120 Degraded raised bogs (still capable of regeneration)</td>
</tr>
<tr>
<td>Letmose i Gludsted Plantage</td>
<td>DK021</td>
<td>Habitats of Interest</td>
<td>7110 Active raised bogs</td>
</tr>
<tr>
<td>Lien og Underlien fra Fosdal til Dybdal ved Tranum</td>
<td>DK003</td>
<td>Habitats of Interest</td>
<td>6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (*impo)</td>
</tr>
<tr>
<td>Lindenborg Ådal fra Støvring til Lindenborg med Tulstrup Bæk</td>
<td>DK008</td>
<td>Habitats of Interest</td>
<td>6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (*impo)</td>
</tr>
<tr>
<td>Løgstør - kystområder</td>
<td>DK010</td>
<td>Habitats of Interest</td>
<td>6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (*impo)</td>
</tr>
<tr>
<td>Lovnæk skovene øst for Hadsund</td>
<td>DK016</td>
<td>Habitats of Interest</td>
<td>91E0 Residual alluvial forests (Alnion)</td>
</tr>
<tr>
<td>Lyngby Åmose og Nybro Skov ved Kgs. Lyngby</td>
<td>DK047</td>
<td>Habitats of Interest</td>
<td>91E0 Residual alluvial forests (Alnion)</td>
</tr>
<tr>
<td>Malmmosen ved Furesøen - syd for Furesonæs</td>
<td>DK048</td>
<td>Habitats of Interest</td>
<td>91E0 Residual alluvial forests (Alnion)</td>
</tr>
<tr>
<td>Merring Skov vest for Horsens</td>
<td>DK028</td>
<td>Habitats of Interest</td>
<td>91E0 Residual alluvial forests (Alnion)</td>
</tr>
</tbody>
</table>
DENMARK

Napstjært Enge ved Råbjerg Mose
DK002  Species of interest
1065  Euphydryas aurinia

Nørholm og Klitgårds Fiskerleje
DK013

Radsted Å med Hyldestov og Flintinge Byskov ved Sakskøbing
DK035

Ravnso Skove ved Knudå og Veng Sø ved Ry
DK030

Rev omkring Møn
DK034

Rev ved Bornholm
DK049

Roden Skov
DK037

Rosnæs
DK040

Stenholt Mose nord for Engesvang
DK019

Store Hansted Á nord for Horsens
DK029

Storvorde og Gudumholm
DK011

Svanemosen ved Kolding
DK026

Sydfynske Øhav - ikke udpegede dele ind mod Fyn
DK032

Tolshave Mose ved Jerup
DK001  Species of interest
1065  Euphydryas aurinia

Tranum Klit og Slettestrand
DK015

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

Habitats of Interest
91E0  Residual alluvial forests (Alnion)

Habitats of Interest
91E0  Residual alluvial forests (Alnion)

Habitats of Interest
1170  Reefs

Habitats of Interest
1170  Reefs

Habitats of Interest
9180  Tilio-Acerion ravine forests

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

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

Habitats of Interest
91E0  Residual alluvial forests (Alnion)

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

Habitats of Interest
6530  Fennoscandian wooded meadows
7110  Active raised bogs

Habitats of Interest
1160  Large shallow inlets and bays

Habitats of Interest
2140  Decalcified fixed dunes with Empetrum nigrum
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
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 (e.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

<table>
<thead>
<tr>
<th>Coverage of Proposed Sites</th>
</tr>
</thead>
<tbody>
<tr>
<td>The number of sites proposed</td>
</tr>
<tr>
<td>Total area covered by sites</td>
</tr>
<tr>
<td>Percentage of country’s territory</td>
</tr>
<tr>
<td>% Land</td>
</tr>
<tr>
<td>% Marine</td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>Biogeographic region</th>
<th>% of Habitats insufficiently represented</th>
<th>% of Species insufficiently represented</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alpine</td>
<td>0%</td>
<td>5%</td>
</tr>
<tr>
<td>Boreal</td>
<td>22.3%</td>
<td>24.3%</td>
</tr>
</tbody>
</table>
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 Paimionlahdi 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 luonnonsuojelutilto (Finnish Association for Nature Conservation)
### 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

**Forests of Vanhankaupunginlahti**

**Habitats of Interest**
- **91D0** Bog woodland
<table>
<thead>
<tr>
<th>Location</th>
<th>Habitats of Interest</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hallaneva</td>
<td>7110 Active raised bogs</td>
</tr>
<tr>
<td>Herajärvi</td>
<td>91D0 Bog woodland</td>
</tr>
<tr>
<td>Horjunkeidas</td>
<td>91D0 Bog woodland, 7120 Degraded raised bogs (still capable of regeneration)</td>
</tr>
<tr>
<td>Höytiäinen</td>
<td>7110 Active raised bogs</td>
</tr>
<tr>
<td>Humalavuori</td>
<td>91D0 Bog woodland</td>
</tr>
<tr>
<td>Jämäsvaara-Kalliojärvet</td>
<td>7110 Active raised bogs</td>
</tr>
<tr>
<td>Jänessuo</td>
<td>91D0 Bog woodland</td>
</tr>
<tr>
<td>Jonasuo</td>
<td>91D0 Bog woodland</td>
</tr>
<tr>
<td>Joutensuo</td>
<td>91D0 Bog woodland</td>
</tr>
<tr>
<td>Joutensuo-Susisuo</td>
<td>91D0 Bog woodland</td>
</tr>
<tr>
<td>Juuanvaara-Haukisuo</td>
<td>91D0 Bog woodland</td>
</tr>
<tr>
<td>Kapustajoki</td>
<td>91D0 Bog woodland</td>
</tr>
<tr>
<td>Karhunneva</td>
<td>7110 Active raised bogs, 91D0 Bog woodland</td>
</tr>
<tr>
<td>Karperöfjärden</td>
<td>91D0 Bog woodland</td>
</tr>
<tr>
<td>Keltavuori</td>
<td>91D0 Bog woodland</td>
</tr>
</tbody>
</table>
Finland

Kotajärvet
FI085
Habitats of Interest
91D0 Bog woodland

Kotuskasuo
FI037
Habitats of Interest
91D0 Bog woodland

Kyläntaustanjärvet
FI065
Habitats of Interest
91D0 Bog woodland

Lakeasu-Mustalampi
FI054
Habitats of Interest
91D0 Bog woodland

Långträsk
FI094
Habitats of Interest
91D0 Bog woodland

Långviken
FI060
Habitats of Interest
91D0 Bog woodland

Lanskata
FI058
Habitats of Interest
1150 Lagoons

Lauttasenmäki-Oinaslampi
FI016
Habitats of Interest
91D0 Bog woodland

Lehijärvi
FI076
Habitats of Interest
91D0 Bog woodland

Lehtisenkeidas
FI073
Habitats of Interest
91D0 Bog woodland

Losonvaara
FI031
Habitats of Interest
91D0 Bog woodland

Louhuvuori
FI048
Habitats of Interest
91D0 Bog woodland

Loutenvaara-Petäjäsuuo
FI051
Habitats of Interest
91D0 Bog woodland

Löytynsu- Piiponsuo
FI039
Habitats of Interest
91D0 Bog woodland

Malahvia
FI034
Species of interest
1354 Ursus arctos
Habitats of Interest
91D0 Bog woodland

Metsäkulma
FI057
Habitats of Interest
<table>
<thead>
<tr>
<th>Location</th>
<th>Habitats of Interest</th>
<th>Species of interest</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metsäkylä</td>
<td>Bog woodland</td>
<td></td>
</tr>
<tr>
<td>Mires of Hattujärvi</td>
<td>Bog woodland</td>
<td></td>
</tr>
<tr>
<td>Mires of Joutsijärvi</td>
<td>Active raised bogs</td>
<td></td>
</tr>
<tr>
<td>Mires of Kemisalama</td>
<td>Habitats of Interest</td>
<td></td>
</tr>
<tr>
<td>Mires of Långå</td>
<td>Bog woodland</td>
<td></td>
</tr>
<tr>
<td>Mires of Vaikko</td>
<td>Bog woodland</td>
<td></td>
</tr>
<tr>
<td>Mulkovuori</td>
<td>Habitats of Interest</td>
<td></td>
</tr>
<tr>
<td>Mustavuori-Östersundom</td>
<td>Bog woodland</td>
<td></td>
</tr>
<tr>
<td>Nääätävaara-Levijärvi</td>
<td>Habitats of Interest</td>
<td></td>
</tr>
<tr>
<td>Niinimäki</td>
<td>Habitats of Interest</td>
<td></td>
</tr>
<tr>
<td>Oinasvaara</td>
<td>Bog woodland</td>
<td></td>
</tr>
<tr>
<td>Otrosvaara-Matovaara</td>
<td>Habitats of Interest</td>
<td></td>
</tr>
<tr>
<td>Paappasenmäki</td>
<td>Habitats of Interest</td>
<td></td>
</tr>
<tr>
<td>Pääskivaara-Roninselkonen</td>
<td>Habitats of Interest</td>
<td></td>
</tr>
<tr>
<td>Pampalo</td>
<td>Habitats of Interest</td>
<td></td>
</tr>
</tbody>
</table>

Species of interest:

- Ursus arctos (1354)
- Lynx lynx (1361)
- Lutra lutra (1355)
FINLAND

Parkonkangas-Syyäsuo
FI089  Habitats of Interest
                      91D0  Bog woodland

Pasture of Korvenkylä
FI092  Species of interest
                      1065  Euphydryas aurinia
                      6520  Mountain hay meadows (British types with Geranium sylvaticum)

Peuralamminneva
FI003  Habitats of Interest
                      91D0  Bog woodland

Pikku-Suolijärvi
FI019  Habitats of Interest
                      91D0  Bog woodland

Pitkäselkä-Kallioselkä
FI084  Species of interest
                      1902  Cypripedium calceolus
                      91D0  Bog woodland

Puohtiinsuo
FI004  Habitats of Interest
                      91D0  Bog woodland

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
<table>
<thead>
<tr>
<th>Location</th>
<th>Description</th>
<th>Code</th>
<th>Interest Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Selkäsuu</td>
<td>Habitats of Interest</td>
<td>FI036</td>
<td>91D0 Bog woodland</td>
</tr>
<tr>
<td>Selkäydenkuivio</td>
<td>Habitats of Interest</td>
<td>FI061</td>
<td>91D0 Bog woodland</td>
</tr>
<tr>
<td>Simpelejärvi</td>
<td>Habitats of Interest</td>
<td>FI082</td>
<td>91D0 Bog woodland</td>
</tr>
<tr>
<td>Sipoonkorpi</td>
<td>Habitats of Interest</td>
<td>FI074</td>
<td>91D0 Bog woodland</td>
</tr>
<tr>
<td>Stormossen</td>
<td>Habitats of Interest</td>
<td>FI055</td>
<td>91D0 Bog woodland</td>
</tr>
<tr>
<td>Syöte</td>
<td>Habitats of Interest</td>
<td>FI012</td>
<td>91D0 Bog woodland</td>
</tr>
<tr>
<td>Syyälammit</td>
<td>Species of interest</td>
<td>FI028</td>
<td>Lynx lynx, Ursus arctos</td>
</tr>
<tr>
<td>Talvivaara</td>
<td>Habitats of Interest</td>
<td>FI030</td>
<td>91D0 Bog woodland</td>
</tr>
<tr>
<td>Teerisuo-Hanhiharju</td>
<td>Habitats of Interest</td>
<td>FI091</td>
<td>91D0 Bog woodland</td>
</tr>
<tr>
<td>Tornionjoki river</td>
<td>Habitats of Interest</td>
<td>FI095</td>
<td>91D0 Bog woodland</td>
</tr>
<tr>
<td>Tulkkiaapa</td>
<td>Habitats of Interest</td>
<td>FI086</td>
<td>91D0 Bog woodland</td>
</tr>
<tr>
<td>Tunturinvuori</td>
<td>Habitats of Interest</td>
<td>FI043</td>
<td>91D0 Bog woodland</td>
</tr>
<tr>
<td>Tuohimäki</td>
<td>Habitats of Interest</td>
<td>FI046</td>
<td>91D0 Bog woodland</td>
</tr>
<tr>
<td>Tytijärvi-Vaakko</td>
<td>Habitats of Interest</td>
<td>FI052</td>
<td>91D0 Bog woodland</td>
</tr>
<tr>
<td>Ukonmäki</td>
<td>Habitats of Interest</td>
<td>FI066</td>
<td>91D0 Bog woodland</td>
</tr>
<tr>
<td>Ukonsuo-Patjamäki</td>
<td>Habitats of Interest</td>
<td>FI035</td>
<td>91D0 Bog woodland</td>
</tr>
<tr>
<td>Urajärvi</td>
<td>Habitats of Interest</td>
<td>FI063</td>
<td>91D0 Bog woodland</td>
</tr>
</tbody>
</table>
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

Virkamäki
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

<table>
<thead>
<tr>
<th>Coverage of Proposed Sites</th>
</tr>
</thead>
<tbody>
<tr>
<td>The number of sites proposed</td>
</tr>
<tr>
<td>Total area covered by sites</td>
</tr>
<tr>
<td>Percentage of country’s territory</td>
</tr>
<tr>
<td>% Land</td>
</tr>
<tr>
<td>% Marine</td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>Biogeographic region</th>
<th>% of Habitats insufficiently represented</th>
<th>% of Species insufficiently represented</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alpine – Pyrenées</td>
<td>50% (or 25 out of 50 habitats)</td>
<td>55.9% (or 19 out of 34 species)</td>
</tr>
<tr>
<td>Alpine – Alps</td>
<td>12.3% (or 8 out of 65 habitats)</td>
<td>5.7% (or 3 out of 52 species)</td>
</tr>
<tr>
<td>Atlantic</td>
<td>36.1% (or 30 out of 83 habitats)</td>
<td>33.7% (or 26 out of 77 species)</td>
</tr>
</tbody>
</table>
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 *Margaritifera 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*.

<table>
<thead>
<tr>
<th></th>
<th>Percentage</th>
<th>Number of Habitats/Species</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continental</td>
<td>40% (26 out of 65 habitats)</td>
<td>48.5% (33 out of 68 species)</td>
</tr>
<tr>
<td>Mediterranean</td>
<td>44.2% (42 out of 95 habitats)</td>
<td>29.6% (24 out of 81)</td>
</tr>
</tbody>
</table>
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

Adrets de Montjustin, les Craux, rochers et crêtes de Volx
FR1542*

Archipels marseillais
FR1602*

Basse vallée de l'Aude
FR1435*

Basse vallée de l'Ognon
FR1344a Species of interest

Bois de Serqueux
FR0330

Boisements à chênes verts des dunes du littoral Girondin
FR0697

Buttes calcaires de l'ouest corrézien
FR1118

Camp militaire du bois d’Anjou à Brienne et Juzanvigny
FR0311

Capendula
FR568B

Cirque de consolation Vallée du dessoubre et de la reverotte
FR1298 Species of interest

Collines du Lanois oriental
FR0346B

Complexe tourbeux et de landes du Changeon et de la Roumer
FR0538

Conque de la Preste
FR1476 Species of interest

Côte bleue -Chaine de l'Estaque - Domaines terrestre et maritime
FR1601*
Coteau de la Marne
FR0346A
Habitats of Interest
9180 Tilio-Acerion ravine forests
1160 Large shallow inlets and bays

Côteaux de la vallée de l'Automne
FR0366!
Habitats of Interest
9180 Tilio-Acerion ravine forests

Côteaux de l'Oise amont
FR0385
Habitats of Interest
9180 Tilio-Acerion ravine forests

Côteaux de Scherwiller
FR1804 Species of interest
1065 Euphydryas aurinia

Cotes de Morimon
FR0156
Habitats of Interest
6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (*impo

Crêtes d'Isola 2000, cime de Tavels, Boréon, Salèse...
FR1558
Habitats of Interest
4070 Scrub with Pinus mugo and Rhododendron hirsutum (Mugo-Rhododendretum hirsutii)

Delta de Camargue, domaines terrestre et maritime
FR1592*
Habitats of Interest
1130 Estuaries

Dunes du littoral girondin de la pointe de grave au cap ferret
FR0678
Habitats of Interest
2270 Wooded dunes with Pinus pinea and/or Pinus

Dunes modernes du littoral landais d'Arcachon à Mimizan-plage
FR0710
Habitats of Interest
2270 Wooded dunes with Pinus pinea and/or Pinus

Embouchure du Tech et grau de la Massane
FR1493*
Habitats of Interest
1130 Estuaries

Estuaire du Blavet et du Scorff
FR0060
Habitats of Interest
1130 Estuaries

Etangs de Brach et de Ruffaud
FR1116 Species of interest
1355 Lutra lutra

Fleuve Lez
FR1392
Habitats of Interest
3170 Mediterranean temporary ponds

Forêt de Braconne
FR0406
Habitats of Interest
9180 Tilio-Acerion ravine forests
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) (*impo

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

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*

Gorges de Valabre, vallon de Mollières
FR1557

Gorges du Chapeauroux
FR1012B Species of interest
1106 Salmo salar

Haute vallée de la Clarée, mont Thabor, vallée étroite noir Noir
FR1499

Habitats of Interest
6520 Mountain hay meadows (British types with Geranium sylvaticum)
4070 Scrub with Pinus mugo and Rhododendron hirsutum (Mugo-Rhododendretum hirsutii)

Haute vallée de la Diège
FR1114 Species of interest
1355 Lutra lutra

Haute vallée de l'Aa en amont de Remilly-Wirquin
FR0500

Habitats of Interest
9180 Tilio-Acerion ravine forests
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 officianalis)

Landes et pelouses serpentinicoles du sud corrézien
FR1108
Habitats of Interest
6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (*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

Massif de Sesques et de l'Ossau
FR0744 Species of interest
1354 Ursus arctos

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

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
3170 Mediterranean temporary ponds

Montagne de Cagna
FR0589 Habitats of Interest
4070 Scrub with Pinus mugo and Rhododendron hirsutum (Mugo-Rhododendretum hirsuti)

Pelouse de la Husse à Prouilly
FR0254 Habitats of Interest
6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometalia) (*impo
Pelouses et forêts de Chamouse, de la Clavelière et de Montlaud
FR1687

Pelouses, landes, forêts de ravin du massif des Bauges
FR1775*

Pelouses, rochers et buxiaie de la pointe de Givet
FR0246

Pelouses, tufières et habitats rocheux des gorges de l'Ain
FR1646

Plateau d'Emparis, Goléon, col du Lautaret, Galibier
FR1497*

Plateau récif de St Florent
FR0568A

Plateaux des 100 étangs
FR1346

Pointe de la tour d'Olmeto
FR0568C

Rivière Goyen
FR0047

Savart de la Tommelle à Marigny
FR0255

Savart du camp militaire de Mailly-le-Camp
FR0257

Savart du camp militaire de Moronvilliers
FR0256

Savart du camp militaire de Mourmelon
FR0258

Savart du camp militaire de Suippes
FR0259

Habitats of Interest
9180 Tilio-Acerion ravine forests

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

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

Habitats of Interest
9430 Pinus uncinata forests (*on gypsum or limestone)

Habitats of Interest
1120 Posidonia beds

Habitats of Interest
7110 Active raised bogs

Habitats of Interest
3170 Mediterranean temporary ponds

Habitats of Interest
1130 Estuaries

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

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

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

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

Species of interest
1361 Lynx lynx

Species of interest
1355 Lutra lutra

Species of interest
1065 Euphydryas aurinia

Species of interest
1120 Euphydryas aurinia
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**

6510 Lowland hay meadows (Alopecurus pratensis, Sanguisorba officianalis)

9180 Tilio-Acerion ravine forests

**Vallée de l'Arn**

**FR0942**

**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'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
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

<table>
<thead>
<tr>
<th>Coverage of Proposed Sites</th>
<th>264 (plus 4 submitted in Nov 1999)</th>
</tr>
</thead>
<tbody>
<tr>
<td>The number of sites proposed</td>
<td></td>
</tr>
<tr>
<td>Total area covered by sites</td>
<td>27,000 km²</td>
</tr>
<tr>
<td>Percentage of country’s territory</td>
<td>18%</td>
</tr>
<tr>
<td>% Land</td>
<td>16%</td>
</tr>
<tr>
<td>% Marine</td>
<td>2%</td>
</tr>
</tbody>
</table>

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 km², but the site size ranges from 4 ha in the case of the Maroneia cave to 2,491.28 km² 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:

<table>
<thead>
<tr>
<th>Biogeographic region</th>
<th>% of Habitats insufficiently represented</th>
<th>% of Species insufficiently represented</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mediterranean</td>
<td>40.8%</td>
<td>21.95%</td>
</tr>
</tbody>
</table>
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
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

#### Evros Delta
**GR002**  
Species of interest  
1355 Lutra lutra  
1219 Testudo graeca  

**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 Monachus monachus  

**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 Pinus mugo and Pinus leucodermis  
92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

#### Nea Fokea marshes
**GR005**  
Species of interest  
1219 Testudo graeca  

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

<table>
<thead>
<tr>
<th>Coverage of Proposed Sites</th>
</tr>
</thead>
<tbody>
<tr>
<td>The number of sites proposed</td>
</tr>
<tr>
<td>Total area covered by sites</td>
</tr>
<tr>
<td>Percentage of country’s territory</td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>Biogeographic region</th>
<th>% of Habitats insufficiently represented</th>
<th>% of Species insufficiently represented</th>
</tr>
</thead>
<tbody>
<tr>
<td>Atlantic</td>
<td>95%</td>
<td>96%</td>
</tr>
</tbody>
</table>

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.
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

Abbert River
IE999001 Species of interest
1355 Lutra lutra

Adare Woodlands / Curraghchase
IE500174

Aghnamona Bog
IE800422

Anglihan and Menlough Quarries
IE801316

Annacarty Wetlands
IE600639

Annaghmore Lough
IE801626

Ardgraigue Bog
IE801224

Ardkill Bog
IE301388

Ardmore Point Grassland
IE801126

Ardristan Fen
IE600788

Arklow Dunes
IE301746 Species of interest
1355 Lutra lutra

Arraghmore Bog
IE500640

Aughnaglanny Valley
IE500948 Species of interest
1355 Lutra lutra

Aughrusbeg Machair & Lough
IE801228

Balloyle Estuary - Portmarnock Dunes
IE200199

Habitats of Interest
7120 Degraded raised bogs (still capable of regeneration)

Habitats of Interest
7110 Active raised bogs

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

Habitats of Interest
7120 Degraded raised bogs (still capable of regeneration)

Habitats of Interest
7110 Active raised bogs

Habitats of Interest
7110 Active raised bogs

Habitats of Interest
7120 Degraded raised bogs (still capable of regeneration)

Habitats of Interest
7110 Active raised bogs

Habitats of Interest
7110 Active raised bogs

Habitats of Interest
21A0 Machairs (* in machairs in Ireland)
1150 Lagoons
IRELAND

Ballindooley Hill
IE999002

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)

Ballinvirick
IE501427

Ballyallia Lake
IE500014

Ballycullinan Lake
IE500016

Ballymacoda (Clonpriest & Pilmore)
IE700077

Ballymorrisheen
IE501425

Ballynagarbry
IE401713

Ballynamona Bog
IE800590

Ballyogan Lough
IE500019

Ballyvergan Marsh
IE700078

Bandon Valley above Innishannon
IE701740

Species of interest
1355 Lutra lutra

Bangor-Erris Bog
IE801473

Bellacorrick Bog Complex
IE801922

Bellacorrick Iron Flush
IE800466

Ben Bulben, Gleniff and Glenade Complex
IE100623

Bertragh (Bartraw)
IE801482

Habitats of Interest
7120 Degraded raised bogs (still capable of regeneration)

Habitats of Interest
7120 Degraded raised bogs (still capable of regeneration)

Habitats of Interest
7120 Degraded raised bogs (still capable of regeneration)

Habitats of Interest
7120 Degraded raised bogs (still capable of regeneration)

Habitats of Interest
7120 Degraded raised bogs (still capable of regeneration)

Habitats of Interest
7120 Degraded raised bogs (still capable of regeneration)

Habitats of Interest
7120 Degraded raised bogs (still capable of regeneration)

Habitats of Interest
7120 Degraded raised bogs (still capable of regeneration)

Habitats of Interest
7120 Degraded raised bogs (still capable of regeneration)

Habitats of Interest
7120 Degraded raised bogs (still capable of regeneration)

Species of interest
21A0 Machairs (* in machairs in Ireland)
IRELAND

Birra Lough
IE100138 Species of interest
1355 Lutra lutra

Black River
IE999003 Species of interest
1355 Lutra lutra

Blackcastle Bog
IE400570

Blackwater River Callows
IE600073

Blackwater Valley, Castlehyde Estate
IE999004 Species of interest
1355 Lutra lutra

Blasket Islands - Marine Area
IE702172 Species of interest
1351 Phocoena phocoena

Boley
IE600699

Bracklagh Bog
IE800235

Brierfield Turlough
IE800594

Brittas Headwaters and Lisheens Stream
IE302134

Brockagh
IE301949

Brosna Callows / Little Brosna River
IE400564

Brown Bog
IE400442

Bunbrosna Fen
IE400688

Burtonport
IE999005 Species of interest
1355 Lutra lutra

Cabrach Wetlands
IE501934

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

Habitats of Interest
7110 Active raised bogs

Habitats of Interest
7120 Degraded raised bogs (still capable of regeneration)

Habitats of Interest
7110 Active raised bogs

Habitats of Interest
7120 Degraded raised bogs (still capable of regeneration)

Habitats of Interest
7110 Active raised bogs

Habitats of Interest
7120 Degraded raised bogs (still capable of regeneration)
Cahir Park
IE600947

Cahore Dunes & Polder
IE600700  Species of interest
1355  Lutra lutra

Callow Bog Complex
IE800587

Camderry / Boggans
IE800240

Cappagh
IE501429

Carlingford Mountain
IE100453

Carna Heath
IE801241

Carnamissoge (Kilmore Bay, Lough Ree)
IE800440

Carrick Hill
IE302115

Carricknahorna Lough
IE102068

Clareen Lough
IE500929

Clarinbridge
IE999006  Species of interest
1355  Lutra lutra

Clodiagh and Tar Rivers (Suir Catchment)
IE999007

Cloghmoyle
IE801483

Cloghoge
IE301951

Clonaslee Esker and Derry Bog
IE400859

**Habitats of Interest**

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

**Habitats of Interest**

21A0  Machairs (* in machairs in Ireland)
<table>
<thead>
<tr>
<th>Location</th>
<th>Code</th>
<th>Species of interest</th>
<th>Habitats of Interest</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clonfinane</td>
<td>IE500641</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cloonagh Lough</td>
<td>IE801485</td>
<td>1355 Lutra lutra</td>
<td></td>
</tr>
<tr>
<td>Clonascragh Bog</td>
<td>IE801247</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clooncruff / Cloonlarge</td>
<td>IE800599</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clooncullaun Bog</td>
<td>IE800245</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clorhane Wood</td>
<td>IE400894</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clyard Kettleholes</td>
<td>IE800480</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cong Bay</td>
<td>IE999008</td>
<td>1355 Lutra lutra</td>
<td>7120 Degraded raised bogs (still capable of regeneration)</td>
</tr>
<tr>
<td>Connemara Bog Complex</td>
<td>IE802034</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Coolbarren Lough</td>
<td>IE800481</td>
<td>1355 Lutra lutra</td>
<td></td>
</tr>
<tr>
<td>Coolrain</td>
<td>IE400415</td>
<td></td>
<td>7110 Active raised bogs</td>
</tr>
<tr>
<td>Corbo Bog</td>
<td>IE800062</td>
<td></td>
<td>7110 Active raised bogs</td>
</tr>
<tr>
<td>Corhawnagh Lough</td>
<td>IE101902</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Coronation Plantation</td>
<td>IE300726</td>
<td></td>
<td>7120 Degraded raised bogs (still capable of regeneration)</td>
</tr>
<tr>
<td>Corratirrim</td>
<td>IE999009</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Corveen</td>
<td>IE101108</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Courtown Dunes and Glen</td>
<td>IE600757</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Location</td>
<td>Code</td>
<td>Habitats of Interest</td>
<td></td>
</tr>
<tr>
<td>--------------------------------</td>
<td>-------</td>
<td>-----------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>Cranberry Lough / Cloonboley Bog</td>
<td>IE801630</td>
<td>7120 Degraded raised bogs (still capable of regeneration)</td>
<td></td>
</tr>
<tr>
<td>Cregduff Lough</td>
<td>IE801251</td>
<td>7120 Degraded raised bogs (still capable of regeneration)</td>
<td></td>
</tr>
<tr>
<td>Crewbane Marsh</td>
<td>IE300553</td>
<td>7120 Degraded raised bogs (still capable of regeneration)</td>
<td></td>
</tr>
<tr>
<td>Cronaguiggy (Meenacorwick)</td>
<td>IE101176</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Crosswood Bog</td>
<td>IE400678</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cruit Island</td>
<td>IE999010</td>
<td>7110 Active raised bogs</td>
<td></td>
</tr>
<tr>
<td>Cultiafada west of Glenamaddy</td>
<td>IE999011</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Curracloe Dunes, Raven &amp; Ballinaclash</td>
<td>IE600712</td>
<td>6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (*impo</td>
<td></td>
</tr>
<tr>
<td>Curragh lehanagh</td>
<td>IE800256</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dambaduff Lough, Westport</td>
<td>IE801491</td>
<td>7110 Active raised bogs</td>
<td></td>
</tr>
<tr>
<td>Deel River</td>
<td>IE999012</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dereen Upper</td>
<td>IE701887</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Derry River</td>
<td>IE999013</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Derrycanan Bog</td>
<td>IE800605</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Derrygeeaha Lough</td>
<td>IE500050</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Derrygolan Esker</td>
<td>IE400896</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Derryvilla
IE400898

Doogort
IE801497
Species of interest
1355  Lutra lutra

Doughiska
IE999014

Drish River
IE999015

Drumakeenan, Eagle Hill and Perry's Mill
IE400900

Drumbawn (Carrigower)
IE300716

Dublin and Killiney Bays
IEMO001  Species of interest
1351  Phocoena phocoena

Dunlavin Marshes
IE301772

Dursey - Marine area
IE700086  Species of interest
1351  Phocoena phocoena

Easky River
IE101665

Erkina River
IE999016

Erne Estuary & Finner Dunes
IE100139

Ferbane
IE400575

Fiagh Bog
IE500932

Fiddane Cottage
IE999017

Fiddown Island
IE600402

Fisherstreet Pavement
IE501011

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

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

Habitats of Interest
7120  Degraded raised bogs (still capable of regeneration)

Habitats of Interest
7120  Degraded raised bogs (still capable of regeneration)

Habitats of Interest
7120  Degraded raised bogs (still capable of regeneration)

Habitats of Interest
21A0  Machairs (* in machairs in Ireland)

Habitats of Interest
7120  Degraded raised bogs (still capable of regeneration)

Habitats of Interest
7120  Degraded raised bogs (still capable of regeneration)
IRELAND

Galmoy Fen
IE601858

Galway Bay - Marine Area
IE800268 Species of interest 1351 Phocoena phocoena

Galwolie
IE101132

Gannevegil Bog
IE100142 Species of interest 1355 Lutra lutra

Garrycloonagh
IE101505

Garryland Wood
IE800252

Garrylucas Marsh
IE700087

Glenealo Catchment
IE300728 Species of interest 1355 Lutra lutra

Gorteennamrock
IE501433

Grand Canal
IE999018

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

Hugginstown
IE600404

Inishbofin
IE800278

Habitats of Interest
7120 Degraded raised bogs (still capable of regeneration)

Habitats of Interest
7120 Degraded raised bogs (still capable of regeneration)

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

Habitats of Interest
7120 Degraded raised bogs (still capable of regeneration)

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

Habitats of Interest
7120 Degraded raised bogs (still capable of regeneration)

Habitats of Interest
7120 Degraded raised bogs (still capable of regeneration)

Habitats of Interest
1150 Lagoons

84
Keem
IE999022  Species of interest
1355  Lutra lutra

Kelleher’s Wood
IE700365

Kilballyskea
IE400578

Kilcarren
IE500647

Kilcolman Bog
IE700092

Kilkee
IE999023  Species of interest
1355  Lutra lutra

Killaun Bog
IE999026  Species of interest
1065  Euphydryas aurinia

Killimor Bog Woodland
IE999027

Killough Hill
IE999028

Kilmore Bog
IE800283

Kilnaboris Bog
IE800284

Kings River
IE999029

Knock Lake, Balrothery
IE201203  Species of interest
1355  Lutra lutra

Knockacolla Bog
IE400419

Knockmaa Hill
IE801288

Knocknanool Esker
IE999030

Knocknarea Mountain and Glen
IE101670

Laffansbridge

**Habitats of Interest**

- Degraded raised bogs (still capable of regeneration)

- Active raised bogs

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

Laurelavagh
IE999032

Liffey Bank above Athgarvan
IE301396

Lisbigney Bog
IE400869

Liskeenan Fen (Turlough)
IE501683

Lismore Callows
IE600667

Lough Slawn
IE401443

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

Lough Cutra
IE800299

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

Lough Slawn
IE401443 Habitats of Interest
7120 Degraded raised bogs (still capable of regeneration)

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 Cutra
IE800299 Habitats of Interest
7120 Degraded raised bogs (still capable of regeneration)

Lough Dargan
IE101906 Species of interest
1355 Lutra lutra

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

Lough Derg
IE802241
<table>
<thead>
<tr>
<th>Location</th>
<th>Species of interest</th>
<th>Habitats of Interest</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lough Derravaragh</td>
<td></td>
<td>1355 Lutra lutra</td>
</tr>
<tr>
<td>Lough Doo</td>
<td></td>
<td>7120 Degraded raised bogs (still capable of regeneration)</td>
</tr>
<tr>
<td>Lough Eske</td>
<td></td>
<td>7120 Degraded raised bogs (still capable of regeneration)</td>
</tr>
<tr>
<td>Lough Fea Demesne</td>
<td></td>
<td>6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (*impo</td>
</tr>
<tr>
<td>Lough Gara</td>
<td>1355 Lutra lutra</td>
<td>7120 Degraded raised bogs (still capable of regeneration)</td>
</tr>
<tr>
<td>Lough Glore</td>
<td></td>
<td>7120 Degraded raised bogs (still capable of regeneration)</td>
</tr>
<tr>
<td>Lough Gur</td>
<td></td>
<td>7120 Degraded raised bogs (still capable of regeneration)</td>
</tr>
<tr>
<td>Lough Iron - Glen Lough Complex</td>
<td></td>
<td>7120 Degraded raised bogs (still capable of regeneration)</td>
</tr>
<tr>
<td>Lough Kinale &amp; Derragh Lough</td>
<td></td>
<td>7120 Degraded raised bogs (still capable of regeneration)</td>
</tr>
<tr>
<td>Lough na Leibe</td>
<td></td>
<td>7120 Degraded raised bogs (still capable of regeneration)</td>
</tr>
<tr>
<td>Lough Nagluck</td>
<td></td>
<td>6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (*impo</td>
</tr>
<tr>
<td>Lough Namucka Bog</td>
<td></td>
<td>7120 Degraded raised bogs (still capable of regeneration)</td>
</tr>
<tr>
<td>Lough Shesk (Connell’s Lough)</td>
<td></td>
<td>7120 Degraded raised bogs (still capable of regeneration)</td>
</tr>
<tr>
<td>Lough Talt</td>
<td></td>
<td>7120 Degraded raised bogs (still capable of regeneration)</td>
</tr>
<tr>
<td>Lough Yganavan &amp; Lough Nambrackdarrig</td>
<td></td>
<td>7120 Degraded raised bogs (still capable of regeneration)</td>
</tr>
<tr>
<td>Loughanilloon Bog</td>
<td>1355 Lutra lutra</td>
<td>7120 Degraded raised bogs (still capable of regeneration)</td>
</tr>
</tbody>
</table>
Loughs Feeagh and Furnace
IE999035  Species of interest
1355     Lutra lutra

Louisa Bridge Marsh
IE302103

Lullymore West
IE999036  Species of interest
1065     Euphydryas aurinia

Maccobrane Marshes
IE600781

Mannin and Island Lakes
IE801910  Species of interest
1355     Lutra lutra

Milltown Malbay
IE999037

Moanveanlagh Bog
IE700374

Mocorrha Lough
IE801536

Monaincha
IE400652

Moneypark, Fethard
IE600966

Monivea Bog
IE800311

Monmore/Tullaher Lough
IE500070

Moorfield Bog
IE800221

Moods Bog
IE300395

Mount Leinster & Blackstairs Mountains
IE600770

Mountain and Ballymurphy Rivers (Barrow Catchment)
IE999038

Habitats of Interest
7120     Degraded raised bogs (still capable of regeneration)
7110     Active raised bogs
6210     Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (*impo
IRELAND

Moy Valley
IE802078  Species of interest
1355  Lutra lutra

Mullaghcleevaun
IE301896

Mweenish Island Machair
IE801306

North Connemara - Marine area
IEMO003

Old Head of Kinsale - Marine
IEMO002  Species of interest
1351  Phocoena phocoena

Philipston Marsh
IE601847

Pollatomish Bog
IE801548

Portacloy
IE800537  Species of interest
1355  Lutra lutra

Quarryford Bridge
IE601526

Rath River
IE999039

Ridge of Portlaoise
IE400876

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

Habitats of Interest
1150  Lagoons
21A0  Machairs (* in machairs in Ireland)

Habitats of Interest
7120  Degraded raised bogs (still capable of regeneration)

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

Habitats of Interest
6210  Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (*impo
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 Maigue
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
<table>
<thead>
<tr>
<th>Location</th>
<th>Species of interest</th>
<th>Habitats of Interest</th>
</tr>
</thead>
<tbody>
<tr>
<td>River Slaney</td>
<td>Species of interest 1106 Salmo salar</td>
<td>6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (*impo</td>
</tr>
<tr>
<td>River Swilly</td>
<td>Species of interest 1106 Salmo salar</td>
<td>6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (*impo</td>
</tr>
<tr>
<td>River Vartry</td>
<td>Species of interest 1106 Salmo salar</td>
<td>6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (*impo</td>
</tr>
<tr>
<td>Roaring Water Bay (Outer)</td>
<td>Species of interest 1351 Phocoena phocoena</td>
<td>1350 Lagoons</td>
</tr>
<tr>
<td>Rock Farm Quarry, Little Island</td>
<td></td>
<td>7110 Active raised bogs</td>
</tr>
<tr>
<td>Ross Lake and Woods</td>
<td>Species of interest 1355 Lutra lutra</td>
<td>7120 Degraded raised bogs (still capable of regeneration)</td>
</tr>
<tr>
<td>Royal Canal</td>
<td></td>
<td>7120 Degraded raised bogs (still capable of regeneration)</td>
</tr>
<tr>
<td>Scohaboy Bog</td>
<td></td>
<td>6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (*impo</td>
</tr>
<tr>
<td>Screen Hills/ Doo Lough Kettlholes</td>
<td></td>
<td>6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (*impo</td>
</tr>
<tr>
<td>Shannon Callows (Offaly)</td>
<td></td>
<td>6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (*impo</td>
</tr>
<tr>
<td>Sharavogue</td>
<td></td>
<td>6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (*impo</td>
</tr>
<tr>
<td>Sheemore Wood</td>
<td></td>
<td>6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (*impo</td>
</tr>
<tr>
<td>Sheeps Head</td>
<td>Species of interest 1355 Lutra lutra</td>
<td>6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (*impo</td>
</tr>
<tr>
<td>Sillahertane Bog</td>
<td></td>
<td>6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (*impo</td>
</tr>
<tr>
<td>Smerwick Harbour, Sandhills &amp; Marshes</td>
<td>Species of interest 1355 Lutra lutra</td>
<td>1355 Lutra lutra</td>
</tr>
</tbody>
</table>
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 Cloonacliegha 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

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

Towerhill Cottage
IE999063

Tullaghan Bay
IE801567

Habitats of Interest
7110 Active raised bogs

Tullahan Rock Bog
IE802013

Habitats of Interest
21A0 Machairs (* in machairs in Ireland)

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

Habitats of Interest
7120 Degraded raised bogs (still capable of regeneration)
IRELAND

Whigborough 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

<table>
<thead>
<tr>
<th>Coverage of Proposed Sites</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>The number of sites proposed</td>
<td>2,507</td>
</tr>
<tr>
<td>Total area covered by sites</td>
<td>49,364 km²</td>
</tr>
<tr>
<td>Percentage of country’s territory</td>
<td>% Land 16.4%</td>
</tr>
<tr>
<td></td>
<td>% Marine not quantifiable and not available</td>
</tr>
</tbody>
</table>

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 Km2.

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:

<table>
<thead>
<tr>
<th>Biogeographic region</th>
<th>% of Habitats insufficiently represented</th>
<th>% of Species insufficiently represented</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alpine</td>
<td>not available</td>
<td>not available</td>
</tr>
<tr>
<td>Continental</td>
<td>40%</td>
<td>58%</td>
</tr>
<tr>
<td>Mediterranean</td>
<td>not available</td>
<td>not available</td>
</tr>
</tbody>
</table>

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
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
<p>| 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 |
| BOCCHÉ DI BONIFACIO | IT0117 | Habitats of Interest | 9999  Not Specified |
| Bolognola, M. Sibillini (MC) | IT0153 | Species of interest | 1065  Euphydryas aurinia |</p>
<table>
<thead>
<tr>
<th>Location</th>
<th>Code</th>
<th>Category</th>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bosco della Signora (NO)</td>
<td>IT0196</td>
<td>Habitats of Interest</td>
<td>9999</td>
<td>Not Specified</td>
</tr>
<tr>
<td>Bosco delle Sorti</td>
<td>IT0171</td>
<td>Habitats of Interest</td>
<td>9999</td>
<td>Not Specified</td>
</tr>
<tr>
<td>Bosco delle Vallorie (AL)</td>
<td>IT0170</td>
<td>Habitats of Interest</td>
<td>9999</td>
<td>Not Specified</td>
</tr>
<tr>
<td>Bosco Tenso (Verbania)</td>
<td>IT0193</td>
<td>Habitats of Interest</td>
<td>9999</td>
<td>Not Specified</td>
</tr>
<tr>
<td>Bosco Volavilla (Torino)</td>
<td>IT0175</td>
<td>Habitats of Interest</td>
<td>9999</td>
<td>Not Specified</td>
</tr>
<tr>
<td>Bric Zerbino (AL)</td>
<td>IT0168</td>
<td>Habitats of Interest</td>
<td>9999</td>
<td>Not Specified</td>
</tr>
<tr>
<td>Brindisi</td>
<td>IT0095</td>
<td>Habitats of Interest</td>
<td>9999</td>
<td>Not Specified</td>
</tr>
<tr>
<td>BUGGERRU - IGLESIAS</td>
<td>IT0048</td>
<td>Habitats of Interest</td>
<td>9999</td>
<td>Not Specified</td>
</tr>
<tr>
<td>CABRAS</td>
<td>IT0057</td>
<td>Habitats of Interest</td>
<td>9999</td>
<td>Not Specified</td>
</tr>
<tr>
<td>Camerota Sud- est</td>
<td>IT0063</td>
<td>Habitats of Interest</td>
<td>9999</td>
<td>Not Specified</td>
</tr>
<tr>
<td>Camosciara</td>
<td>IT0119</td>
<td>Species of interest</td>
<td>1902</td>
<td>Cypripedium calceolus</td>
</tr>
<tr>
<td>Campo di Giove (AQ)</td>
<td>IT0123</td>
<td>Species of interest</td>
<td>1065</td>
<td>Euphydryas aurinia</td>
</tr>
<tr>
<td>CAPRERA</td>
<td>IT0116</td>
<td>Habitats of Interest</td>
<td>9999</td>
<td>Not Specified</td>
</tr>
<tr>
<td>CARLOFORTE OVEST</td>
<td>IT0044</td>
<td>Habitats of Interest</td>
<td>9999</td>
<td>Not Specified</td>
</tr>
<tr>
<td>CARLOFORTE SUD</td>
<td>IT0041</td>
<td>Habitats of Interest</td>
<td>9999</td>
<td>Not Specified</td>
</tr>
<tr>
<td>Caronia</td>
<td>IT0021</td>
<td>Habitats of Interest</td>
<td>9999</td>
<td>Not Specified</td>
</tr>
<tr>
<td>Location</td>
<td>Habitats of Interest</td>
<td>Code</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-------------------------------------------------------------------------</td>
<td>----------------------</td>
<td>------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Castellabate</td>
<td></td>
<td>IT0078</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cereta Monsofietto (TO)</td>
<td></td>
<td>IT0181</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Colli San Michele e San Colombano (Novara)</td>
<td></td>
<td>IT0185</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Comune Fontanetto e Crescentino</td>
<td></td>
<td>IT0177</td>
<td></td>
<td></td>
</tr>
<tr>
<td>COSTA ORIENTALE</td>
<td></td>
<td>IT0080</td>
<td></td>
<td></td>
</tr>
<tr>
<td>COSTA SUD ORIENTALE</td>
<td></td>
<td>IT0046</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Da Ascea a Pisciotta</td>
<td></td>
<td>IT0071</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Da Bagheria a Castellammare del golfo</td>
<td></td>
<td>IT0025</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Da Barcellona P.G. a Patti</td>
<td></td>
<td>IT0023</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Da Bernalda a Roseto Spulico</td>
<td></td>
<td>IT0076</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Da Bovalino a Palizzi</td>
<td></td>
<td>IT0017</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Da Brolo a San Fratello</td>
<td></td>
<td>IT0022</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Da Castel Volturno a Bacoli</td>
<td></td>
<td>IT0100</td>
<td></td>
<td></td>
</tr>
<tr>
<td>da Catania a Siracusa</td>
<td></td>
<td>IT0011</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Da Caulonia a Ruccella Ionica</td>
<td></td>
<td>IT0028</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Da Centola a Camerota</td>
<td></td>
<td>IT0064</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Location Description</td>
<td>Code</td>
<td>Category</td>
<td>Code</td>
<td>Description</td>
</tr>
<tr>
<td>-------------------------------------------</td>
<td>--------</td>
<td>---------------------------</td>
<td>------</td>
<td>------------------------------</td>
</tr>
<tr>
<td>Da Crosia a Crotone</td>
<td>IT0049</td>
<td>Habitats of Interest</td>
<td>9999</td>
<td>Not Specified</td>
</tr>
<tr>
<td>Da Crotone a Soverato</td>
<td>IT0040</td>
<td>Habitats of Interest</td>
<td>9999</td>
<td>Not Specified</td>
</tr>
<tr>
<td>Da Davoli a S. Caterina</td>
<td>IT0031</td>
<td>Habitats of Interest</td>
<td>9999</td>
<td>Not Specified</td>
</tr>
<tr>
<td>Da Finale Ligure a fine confine</td>
<td>IT0161</td>
<td>Habitats of Interest</td>
<td>9999</td>
<td>Not Specified</td>
</tr>
<tr>
<td>Da Genova a Finale Ligure</td>
<td>IT0165</td>
<td>Habitats of Interest</td>
<td>9999</td>
<td>Not Specified</td>
</tr>
<tr>
<td>Da Guardavalle a Stignano</td>
<td>IT0029</td>
<td>Habitats of Interest</td>
<td>9999</td>
<td>Not Specified</td>
</tr>
<tr>
<td>Da Maiori a Eboli</td>
<td>IT0090</td>
<td>Habitats of Interest</td>
<td>9999</td>
<td>Not Specified</td>
</tr>
<tr>
<td>Da Maratea a Fuscaldo</td>
<td>IT0051</td>
<td>Habitats of Interest</td>
<td>9999</td>
<td>Not Specified</td>
</tr>
<tr>
<td>Da Maruggio a Castellaneta</td>
<td>IT0084</td>
<td>Habitats of Interest</td>
<td>9999</td>
<td>Not Specified</td>
</tr>
<tr>
<td>Da Montecorice a Pollica</td>
<td>IT0074</td>
<td>Habitats of Interest</td>
<td>9999</td>
<td>Not Specified</td>
</tr>
<tr>
<td>Da Palmi a Joppolo</td>
<td>IT0030</td>
<td>Habitats of Interest</td>
<td>9999</td>
<td>Not Specified</td>
</tr>
<tr>
<td>Da Paola a Parghelia</td>
<td>IT0043</td>
<td>Habitats of Interest</td>
<td>9999</td>
<td>Not Specified</td>
</tr>
<tr>
<td>Da Racale a Nard</td>
<td>IT0065</td>
<td>Habitats of Interest</td>
<td>9999</td>
<td>Not Specified</td>
</tr>
<tr>
<td>Da Sabaudia a S. Felice Circeo</td>
<td>IT0110</td>
<td>Habitats of Interest</td>
<td>9999</td>
<td>Not Specified</td>
</tr>
<tr>
<td>Da San Vito Lo Capo a Favignana</td>
<td>IT0018</td>
<td>Habitats of Interest</td>
<td>9999</td>
<td>Not Specified</td>
</tr>
<tr>
<td>Da Sciacca a Siculiana</td>
<td>IT0010</td>
<td>Habitats of Interest</td>
<td>9999</td>
<td>Not Specified</td>
</tr>
<tr>
<td>Place Description</td>
<td>Code</td>
<td>Category</td>
<td>Code</td>
<td>Description</td>
</tr>
<tr>
<td>-------------------------------------------</td>
<td>-------</td>
<td>---------------------</td>
<td>------</td>
<td>---------------------------------------</td>
</tr>
<tr>
<td>Da Siracusa a Pachino</td>
<td>IT0003</td>
<td>Habitats of Interest</td>
<td>9999</td>
<td>Not Specified</td>
</tr>
<tr>
<td>Da Termini Imerese a Bagheria</td>
<td>IT0019</td>
<td>Habitats of Interest</td>
<td>9999</td>
<td>Not Specified</td>
</tr>
<tr>
<td>Da Tricase a Castrignano del Capo</td>
<td>IT0058</td>
<td>Habitats of Interest</td>
<td>9999</td>
<td>Not Specified</td>
</tr>
<tr>
<td>Da Tuso a Termini Imerea</td>
<td>IT0020</td>
<td>Habitats of Interest</td>
<td>9999</td>
<td>Not Specified</td>
</tr>
<tr>
<td>Dallo Stretto a Milazzo</td>
<td>IT0027</td>
<td>Habitats of Interest</td>
<td>9999</td>
<td>Not Specified</td>
</tr>
<tr>
<td>Davanti Menfi</td>
<td>IT0009</td>
<td>Habitats of Interest</td>
<td>9999</td>
<td>Not Specified</td>
</tr>
<tr>
<td>Davanti Peschici</td>
<td>IT0144</td>
<td>Habitats of Interest</td>
<td>9999</td>
<td>Not Specified</td>
</tr>
<tr>
<td>Davanti Realmonte</td>
<td>IT0007</td>
<td>Habitats of Interest</td>
<td>9999</td>
<td>Not Specified</td>
</tr>
<tr>
<td>Davanti Roseto degli Abruzzi</td>
<td>IT0150</td>
<td>Habitats of Interest</td>
<td>9999</td>
<td>Not Specified</td>
</tr>
<tr>
<td>Davanti Roseto degli Abruzzi distale</td>
<td>IT0158</td>
<td>Habitats of Interest</td>
<td>9999</td>
<td>Not Specified</td>
</tr>
<tr>
<td>Davanti Vieste Centro</td>
<td>IT0136</td>
<td>Habitats of Interest</td>
<td>9999</td>
<td>Not Specified</td>
</tr>
<tr>
<td>Davanti Vieste Est</td>
<td>IT0135</td>
<td>Habitats of Interest</td>
<td>9999</td>
<td>Not Specified</td>
</tr>
<tr>
<td>Davanti Vieste Ovest</td>
<td>IT0137</td>
<td>Habitats of Interest</td>
<td>9999</td>
<td>Not Specified</td>
</tr>
<tr>
<td>Elba Capoliveri</td>
<td>IT0146</td>
<td>Habitats of Interest</td>
<td>9999</td>
<td>Not Specified</td>
</tr>
<tr>
<td>Elba Marciana Nord</td>
<td>IT0149</td>
<td>Habitats of Interest</td>
<td>9999</td>
<td>Not Specified</td>
</tr>
<tr>
<td>Elba Marciana Ovest</td>
<td>IT0147</td>
<td>Habitats of Interest</td>
<td>9999</td>
<td>Not Specified</td>
</tr>
</tbody>
</table>
Elba Nord Ovest
IT0148

Elba Portoferraio
IT0151

Eolie
IT0032

Favignana Sud Ovest
IT0015

Fiumara di Atella (Basilicata)
IT0101 Species of interest

Fiume Agri (Basilicata)
IT0081 Species of interest

Fiume Albegna (Toscana)
IT0142 Species of interest

Fiume Basento (Basilicata)
IT0087 Species of interest

Fiume Bradano (Basilicata)
IT0089 Species of interest

Fiume Bussento (Campania)
IT0073 Species of interest

Fiume Calore Irpino (Campania)
IT0105 Species of interest

Fiume Calore Lucano (Campania)
IT0086 Species of interest

Fiume Crati (Calabria)
IT0052 Species of interest

Fiume Farma (Toscana)
IT0156 Species of interest

Fiume Fortore (Puglia)
IT0120 Species of interest

Fiume Grondo/Fiumicello (Calabria)
IT0055 Species of interest
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
Fraine, Monti Aurunci (LT)

IT0115  Species of interest
        1065  Euphydryas aurinia

Gabravizza (TS)

IT0184  Species of interest
        1065  Euphydryas aurinia

Genova

IT0166  Habitats of Interest
        9999  Not Specified

Golfo di Policastro

IT0067  Habitats of Interest
        9999  Not Specified

Golfo di Taranto

IT0059  Habitats of Interest
        9999  Not Specified

Isola del Giglio

IT0134  Habitats of Interest
        9999  Not Specified

Isola di Capraia

IT0155  Habitats of Interest
        9999  Not Specified

Isola di Capri e Massa Lubrense

IT0091  Habitats of Interest
        9999  Not Specified

Isola di Giannutri

IT0130  Habitats of Interest
        9999  Not Specified

Isola di Gorgona

IT0159  Habitats of Interest
        9999  Not Specified

Isola di Montecristo

IT0132  Habitats of Interest
        9999  Not Specified

Isola di Montecristo Ovest

IT0131  Habitats of Interest
        9999  Not Specified

Isola di Montecristo Sud Ovest

IT0129  Habitats of Interest
        9999  Not Specified

Isola di Pianosa

IT0143  Habitats of Interest
        9999  Not Specified

Isola di Ventotene

IT0097  Habitats of Interest
        9999  Not Specified

Isola d'Ischia e Golfo di Napoli

IT0096  Habitats of Interest
        9999  Not Specified
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
<table>
<thead>
<tr>
<th>Location</th>
<th>Code</th>
<th>Category</th>
<th>Code</th>
<th>Species Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monte Baldo</td>
<td>IT0195</td>
<td>Habitats of Interest</td>
<td>9999</td>
<td>Not Specified</td>
</tr>
<tr>
<td>Monte Bianco</td>
<td>IT0189</td>
<td>Habitats of Interest</td>
<td>9999</td>
<td>Not Specified</td>
</tr>
<tr>
<td>Monviso Pian del Re</td>
<td>IT0169</td>
<td>Habitats of Interest</td>
<td>9999</td>
<td>Not Specified</td>
</tr>
<tr>
<td>Morano Calabro (Pollino)</td>
<td>IT0060</td>
<td>Species of interest</td>
<td>1065</td>
<td>Euphydryas aurinia</td>
</tr>
<tr>
<td>Novi ligure (AL)</td>
<td>IT0172</td>
<td>Species of interest</td>
<td>1065</td>
<td>Euphydryas aurinia</td>
</tr>
<tr>
<td>Orfento (Abruzzo)</td>
<td>IT0127</td>
<td>Species of interest</td>
<td>1355</td>
<td>Lutra lutra</td>
</tr>
<tr>
<td>Palma di Montechiario Est</td>
<td>IT0004</td>
<td>Habitats of Interest</td>
<td>9999</td>
<td>Not Specified</td>
</tr>
<tr>
<td>Palma di Montechiario Ovest</td>
<td>IT0005</td>
<td>Habitats of Interest</td>
<td>9999</td>
<td>Not Specified</td>
</tr>
<tr>
<td>Petrosino</td>
<td>IT0013</td>
<td>Habitats of Interest</td>
<td>9999</td>
<td>Not Specified</td>
</tr>
<tr>
<td>Petrosino Ovest</td>
<td>IT0014</td>
<td>Habitats of Interest</td>
<td>9999</td>
<td>Not Specified</td>
</tr>
<tr>
<td>Petrosino Ovest Lontano</td>
<td>IT0012</td>
<td>Habitats of Interest</td>
<td>9999</td>
<td>Not Specified</td>
</tr>
<tr>
<td>Pian del tivano (CO)</td>
<td>IT0191</td>
<td>Species of interest</td>
<td>1065</td>
<td>Euphydryas aurinia</td>
</tr>
<tr>
<td>Piano dei Sali (Verbania)</td>
<td>IT0200</td>
<td>Habitats of Interest</td>
<td>9999</td>
<td>Not Specified</td>
</tr>
<tr>
<td>Portofino</td>
<td>IT0164</td>
<td>Habitats of Interest</td>
<td>9999</td>
<td>Not Specified</td>
</tr>
<tr>
<td>Provincia di Bolzano</td>
<td>IT0205</td>
<td>Species of interest</td>
<td>1361</td>
<td>Lynx lynx</td>
</tr>
</tbody>
</table>
## ITALY

<table>
<thead>
<tr>
<th>Province/Location</th>
<th>Species of interest</th>
<th>Habitats of Interest</th>
</tr>
</thead>
<tbody>
<tr>
<td>Provincia di Trento</td>
<td>Lynx lynx</td>
<td>Not Specified</td>
</tr>
<tr>
<td>PULA NORD</td>
<td></td>
<td>Not Specified</td>
</tr>
<tr>
<td>PULA SUD</td>
<td></td>
<td>Not Specified</td>
</tr>
<tr>
<td>QUARTU SANT'ELENA</td>
<td></td>
<td>Not Specified</td>
</tr>
<tr>
<td>Ragusa</td>
<td></td>
<td>Not Specified</td>
</tr>
<tr>
<td>Ricadi</td>
<td></td>
<td>Not Specified</td>
</tr>
<tr>
<td>RIOLA SARDO</td>
<td></td>
<td>Not Specified</td>
</tr>
<tr>
<td>Riserva Naturale Orientata di Fara San Martino-Palombaro;</td>
<td>Cypripedium calceolus</td>
<td>Not Specified</td>
</tr>
<tr>
<td>SAN TEODORO</td>
<td></td>
<td>Not Specified</td>
</tr>
<tr>
<td>San Vito Lo Capo</td>
<td></td>
<td>Not Specified</td>
</tr>
<tr>
<td>SANT'ANTIOCO</td>
<td></td>
<td>Not Specified</td>
</tr>
<tr>
<td>SASSARI</td>
<td></td>
<td>Not Specified</td>
</tr>
<tr>
<td>Savona (Andora)</td>
<td>Euphydryas aurinia</td>
<td>Not Specified</td>
</tr>
<tr>
<td>Scoglio d'Africa</td>
<td></td>
<td>Not Specified</td>
</tr>
<tr>
<td>Sestri Levante</td>
<td></td>
<td>Not Specified</td>
</tr>
<tr>
<td>Simbruini-Ernici area.</td>
<td>Cypripedium calceolus</td>
<td>Not Specified</td>
</tr>
</tbody>
</table>
ITALY

STINTINO
IT0108
Sulzano, Lagi d’seo (BS)
IT0183 Species of interest
1065 Euphydryas aurinia

TEULADA EST
IT0038

TEULADA OVEST
IT0037

Tiglio (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-Sammaro (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
Val Fondillo;
IT0121 Species of interest
1902 Cyripedium 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)
IT0099 Species of interest
1065 Euphydryas aurinia

Valloni di Macchia Lunga (Maiella-zona betulla-ghiaione-mugheta)
IT0124 Species of interest
1902 Cyripedium calceolus

Valvestino-Corno della Marogna
IT0188 Species of interest
1361 Lynx lynx

Volturnana 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

<table>
<thead>
<tr>
<th>Coverage of Proposed Sites</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>The number of sites proposed</td>
<td>38*</td>
</tr>
<tr>
<td>Total area covered by sites</td>
<td>351.7 km²</td>
</tr>
<tr>
<td>Percentage of country’s territory</td>
<td>13.6 %</td>
</tr>
<tr>
<td>% Land</td>
<td>all</td>
</tr>
<tr>
<td>% Marine</td>
<td>none</td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>Biogeographic region</th>
<th>% of Habitats insufficiently represented</th>
<th>% of Species insufficiently represented</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continental</td>
<td>16%*</td>
<td>0%</td>
</tr>
</tbody>
</table>

* 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
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 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-Grevelderhaff-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-Widdehierg-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 (Grand-Duche)

Capellen - Aire de service et Schultzbech
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 Brometalia) (*impo
91D0 Bog woodland

Flaxweiler / Widdebierv-Hierden
LU001023

Habitats of Interest
6510 Lowland hay meadows (Alopecurus pratensis, Sanguisorba officinalis)

Folschette - Carrière
LU001063 Species of interest
1166 Triturus cristatus

Habitats of Interest
6510 Lowland hay meadows (Alopecurus pratensis, Sanguisorba officinalis)

Hagen - Dräibrécken
LU001046

Herborn - Bois de Herborn / Echternach - Haard
LU001016

Habitats of Interest
6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometalia) (*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 Brometalia) (*impo
91E0 Residual alluvial forests (Alnion)
9180 Tilio-Acerion ravine forests

Lorentzweiler - Gare
LU001071

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 Brometalia) (*impo
91E0 Residual alluvial forests (Alnion)
6510 Lowland hay meadows (Alopecurus pratensis, Sanguisorba officinalis)
9180 Tilio-Acerion ravine forests
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 - Kuelescherweier

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

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

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)
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

<table>
<thead>
<tr>
<th>Coverage of Proposed Sites</th>
</tr>
</thead>
<tbody>
<tr>
<td>The number of sites proposed</td>
</tr>
<tr>
<td>Total area covered by sites</td>
</tr>
<tr>
<td>Percentage of country’s territory</td>
</tr>
<tr>
<td>% Land</td>
</tr>
<tr>
<td>% Marine</td>
</tr>
</tbody>
</table>

* 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:

<table>
<thead>
<tr>
<th>Biogeographic region</th>
<th>% of Habitats insufficiently represented</th>
<th>% of Species insufficiently represented</th>
</tr>
</thead>
<tbody>
<tr>
<td>Atlantic</td>
<td>30% (or 15 out of 50 habitats)</td>
<td>39% (or 14 out of 36 species)</td>
</tr>
</tbody>
</table>

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
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), Claditetum 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
## Netherlands

### Alkmaardermeer
- **NL305-89**
  - **Species of interest:** Myotis dasycneme (1318)

### Ameland: Duinen-Oerd
- **NL006-00**
  - **Species of interest:** Myotis dasycneme (1318)

### Bargerveen
- **NL071-00**
  - **Species of interest:** Empetrum nigrum
  - **Habitats of Interest:**
    - Decalcified fixed dunes (2140)

### Bemelerberg
- **NL412-15**
  - **Species of interest:** Myotis dasycneme (1318)
  - **Habitats of Interest:**
    - Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (*impo

### Botshol
- **NL301-89**
  - **Species of interest:** Myotis dasycneme (1318)

### Brunsummerheide
- **NL412-13**
  - **Species of interest:** Triturus cristatus (1166)

### Dal van de Ruiten Aa
- **NL401-11**
  - **Species of interest:** Triturus cristatus (1166)

### Deelen, De
- **NL045-00**
  - **Species of interest:** Myotis dasycneme (1318)

### Dinkelland
- **NL317-11**
  - **Species of interest:** Triturus cristatus (1166)

### Dollard
- **NL014-00**
  - **Species of interest:** Triturus cristatus (1166)

### Drentse Aa, Stroomdal
- **NL314-11**
  - **Species of interest:** Triturus cristatus (1166)

### Drents-Friese Woud
- **NL201-00**
  - **Species of interest:** Triturus cristatus (1166)

### Duinen: Den Helder-Callantsoog
- **NL408-12**
  - **Species of interest:** Triturus cristatus (1166)

### Eilandspolder
- **NL056-00**
  - **Species of interest:** Myotis dasycneme (1318)

### Engbertsdijksvenen
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NL072-00</td>
<td>Degraded raised bogs (still capable of regeneration)</td>
</tr>
<tr>
<td>NL050-00</td>
<td>Species of interest: Myotis dasycneme</td>
</tr>
<tr>
<td>NL069-00</td>
<td>Species of interest: Myotis dasycneme</td>
</tr>
<tr>
<td>NL028-04</td>
<td>Species of interest: Triturus cristatus</td>
</tr>
<tr>
<td>NL037-00</td>
<td>Species of interest: Triturus cristatus</td>
</tr>
<tr>
<td>NL313-11</td>
<td>Species of interest: Myotis dasycneme on</td>
</tr>
<tr>
<td>NL312-11</td>
<td>Species of interest: Triturus cristatus</td>
</tr>
<tr>
<td>NL074-00</td>
<td>Species of interest: Myotis dasycneme</td>
</tr>
<tr>
<td>NL043-00</td>
<td>Species of interest: Triturus cristatus</td>
</tr>
<tr>
<td>NL403-11</td>
<td>Species of interest: Triturus cristatus</td>
</tr>
<tr>
<td>NL411-12</td>
<td>Species of interest: Triturus cristatus</td>
</tr>
<tr>
<td>NL059-01</td>
<td>Species of interest: Myotis dasycneme</td>
</tr>
<tr>
<td>NL302-89</td>
<td>Species of interest: Triturus cristatus</td>
</tr>
<tr>
<td>NL408-11</td>
<td>Species of interest: Myotis dasycneme</td>
</tr>
</tbody>
</table>

**Habitats of Interest**

- **7120** Degraded raised bogs (still capable of regeneration)
- **91D0** Bog woodland
- **7110** Active raised bogs
- **7120** Degraded raised bogs (still capable of regeneration)
Korenburgerveen
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 Species of interest
1166 Triturus cristatus
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 Species of interest
1166 Triturus cristatus
Habitats of Interest
91D0 Bog woodland
7120 Degraded raised bogs (still capable of regeneration)

Markermeer
NL029-03 Species of interest
1318 Myotis dasycneme

Meijendel 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
Oosterschelde
NL.022-00

Habitats of Interest
1160 Large shallow inlets and bays

Oostzanerveld
NL.059-02 Species of interest
1318 Myotis dasycneme

Oude Venen
NL.044-00 Species of interest
1318 Myotis dasycneme

Pannenhof/ Oude Buissse Heide
NL.411-20 Species of interest
1166 Triturus cristatus

Regte heide
NL.205-00 Species of interest
1166 Triturus cristatus

Rottige Meenthe
NL.051-00 Species of interest
1318 Myotis dasycneme

Savelsbos
NL.412-12 Species of interest
1166 Triturus cristatus
1318 Myotis dasycneme

Schoolselse Duinen
NL.104-00 Species of interest
1166 Triturus cristatus

Sneekermeer/Goengarijsterpoelen/Terkaplesterpoelen en Akmarijp
NL.047-00 Species of interest
1318 Myotis dasycneme

Springendal en Mosbeek
NL.316-11 Species of interest
1166 Triturus cristatus

St. Pietersberg en Jekerdal
NL.412-11 Species of interest
1318 Myotis dasycneme
1166 Triturus cristatus

Strabrechtse Heide en Beuven
NL.075-00 Species of interest
1166 Triturus cristatus

Terschelling: duinen
NL.005-02

Texel: Duinen en De Hors
NL.002-02

Vechtplexen, Oostelijke
NL.060-00 Species of interest
1318 Myotis dasycneme
1166 Triturus cristatus

THE NETHERLANDS
Veluwe
NL.202-00  Species of interest
1166  Triturus cristatus

Veluwe II
NL.406-14  Species of interest
1166  Triturus cristatus

Verdronken Land van Saeftinghe
NL.026-02  Habitats of Interest
1130  Estuaries

Vlieland
NL.003-00  Habitats of Interest
2140  Decalcified fixed dunes with Empetrum nigrum

Voornes duin
NL.017-03  Species of interest
1166  Triturus cristatus

Waal
NL.039-00  Species of interest
1166  Triturus cristatus

Waddenzee
NL.001-00  Species of interest
1318  Myotis dasycneme

Weerribben, De
NL.052-00  Species of interest
1318  Myotis dasycneme

Weerter- en Budelerbergen
NL.209-00  Species of interest
1166  Triturus cristatus

Westerschelde en Saeftinghe
NL.026-00  Habitats of Interest
1130  Estuaries

Westzaan, Polder
NL.408-15  Species of interest
1318  Myotis dasycneme

Wieden, De
NL.053-00  Species of interest
1318  Myotis dasycneme

Wierdense Veld
NL.404-13  Habitats of Interest
7120  Degraded raised bogs (still capable of regeneration)

Winterswijk, Terreinnen rond
NL.406-12  Species of interest
1166  Triturus cristatus

Witte en Zwarte Brekken en Oudhof
NL.048-00  Species of interest
1318  Myotis dasycneme
THE NETHERLANDS

Witte Veen en Aamsveen
NL.404-17
Habitats of Interest
7120 Degraded raised bogs (still capable of regeneration)
91D0 Bog woodland

Witterveld
NL.315-11
Habitats of Interest
91D0 Bog woodland
7120 Degraded raised bogs (still capable of regeneration)
7110 Active raised bogs

Wormer- en Jisperveld
NL.058-00 Species of interest
1318 Myotis dasycneme

Zwanenwater
NL.016-00

Zwarte meer
NL.031-00 Species of interest
1318 Myotis dasycneme

Zwin, Het
NL.027-00 Species of interest
1166 Triturus cristatus

Habitats of Interest
2140 Decalcified fixed dunes with Empetrum nigrum
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

<table>
<thead>
<tr>
<th>Coverage of Proposed Sites</th>
</tr>
</thead>
<tbody>
<tr>
<td>The number of sites proposed</td>
</tr>
<tr>
<td>Total area covered by sites</td>
</tr>
<tr>
<td>Percentage of country’s territory</td>
</tr>
<tr>
<td>Land</td>
</tr>
<tr>
<td>Marine</td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>Biogeographic region</th>
<th>% of Habitats insufficiently represented</th>
<th>% of Species insufficiently represented</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mediterranean</td>
<td>54%</td>
<td>30%</td>
</tr>
</tbody>
</table>

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
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); *Rupiculous calcareous or basophilic grasslands of the Alyssosedion 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 - Anthyllis 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

Caldeirão
PTCON0057  Species of interest
1355  Lutra lutra
1362  Lynx pardina

Habitats of Interest
2270  Wooded dunes with Pinus pinea and/or Pinus
3170  Mediterranean temporary ponds

Ericeira/Praia de Vide
PT0054

Fernão Ferro/Lagoa de Albufeira
PTCON0054

Luzianes
PT0062  Species of interest
1355  Lutra lutra
1362  Lynx pardina

Habitats of Interest
3290  Intermittently flowing Mediterranean rivers

Mata Nacional do Urso
PT0048

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
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
<table>
<thead>
<tr>
<th>Location</th>
<th>Species of interest</th>
<th>Habitats of Interest</th>
</tr>
</thead>
<tbody>
<tr>
<td>Serra da Lapa</td>
<td>Lutra lutra</td>
<td>6510 Lowland hay meadows (Alopecurus pratensis, Sanguisorba officinalis)</td>
</tr>
<tr>
<td>Serra do Pardela</td>
<td>Lutra lutra</td>
<td>3170 Mediterranean temporary ponds</td>
</tr>
<tr>
<td>Serra do Larouco</td>
<td>Lynx pardina</td>
<td>3290 Intermittently flowing Mediterranean rivers</td>
</tr>
<tr>
<td>Tejo Internacional</td>
<td>Lutra lutra</td>
<td>3170 Mediterranean temporary ponds</td>
</tr>
<tr>
<td>Torrao</td>
<td>Lynx pardina</td>
<td>3290 Intermittently flowing Mediterranean rivers</td>
</tr>
<tr>
<td>Vale do Guadiana</td>
<td>Lutra lutra</td>
<td>3170 Mediterranean temporary ponds</td>
</tr>
</tbody>
</table>
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

<table>
<thead>
<tr>
<th>Coverage of Proposed Sites</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>The number of sites proposed</td>
<td>867</td>
</tr>
<tr>
<td>Total area covered by sites</td>
<td>88,076 km²</td>
</tr>
<tr>
<td>Percentage of country’s territory</td>
<td>17.4 %</td>
</tr>
<tr>
<td>% Land</td>
<td>No possible to say</td>
</tr>
<tr>
<td>% Marine</td>
<td>Very small</td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>Biogeographic region</th>
<th>% of Habitats insufficiently represented</th>
<th>% of Species insufficiently represented</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alpine</td>
<td>50%</td>
<td>38% (54% if we count cases of I*)</td>
</tr>
<tr>
<td>Atlantic</td>
<td>33%</td>
<td>36% (50% if we count cases of I*)</td>
</tr>
<tr>
<td>Macaronesian</td>
<td>0%</td>
<td>0%**</td>
</tr>
<tr>
<td>Mediterranean</td>
<td>57%</td>
<td>43% (72% if we count cases of I*)</td>
</tr>
</tbody>
</table>

*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
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
Spain

Aflluent of Río Romadriu, Rialp
ES-077RF

Aflluents of Río Caldo, Lovios
ES-042RF

Alanis
ES-L114 Species of interest
1362 Lynx pardina

Albarrana
ES-L115 Species of interest
1362 Lynx pardina

Alberche
ES-L146 Species of interest
1362 Lynx pardina

Alcaraz
ES-L128 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-L164 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

Alto Arlanza
ES-MM12 Species of interest
1355 Lutra lutra

Alto Cabriel and tributaries
ES-MM3 Species of interest
1355 Lutra lutra

Habitats of Interest
91E0 Residual alluvial forests (Alnion

Habitats of Interest
92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian
<table>
<thead>
<tr>
<th>Area</th>
<th>Status</th>
<th>Code</th>
<th>Species</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alto Cares</td>
<td>Species of interest</td>
<td>ES-MM13</td>
<td>Lutra lutra</td>
</tr>
<tr>
<td>Alto Guadalope y Bergantes</td>
<td>Species of interest</td>
<td>ES-MM2</td>
<td>Lutra lutra</td>
</tr>
<tr>
<td>Alto Ibias</td>
<td>Species of interest</td>
<td>ES-AM4</td>
<td>Lutra lutra</td>
</tr>
<tr>
<td>Alto Narcea</td>
<td>Species of interest</td>
<td>ES-AT1</td>
<td>Lutra lutra</td>
</tr>
<tr>
<td>Alto Sil A</td>
<td>Species of interest</td>
<td>ES-Oso3.1</td>
<td>Ursus arctos</td>
</tr>
<tr>
<td>Alto Sil B este</td>
<td>Species of interest</td>
<td>ES-Oso3.3</td>
<td>Ursus arctos</td>
</tr>
<tr>
<td>Alto Sil B oeste</td>
<td>Species of interest</td>
<td>ES-Oso3.2</td>
<td>Ursus arctos</td>
</tr>
<tr>
<td>Alto Sil C</td>
<td>Species of interest</td>
<td>ES-Oso3.4</td>
<td>Ursus arctos</td>
</tr>
<tr>
<td>Alto Tajo and tributaries</td>
<td>Species of interest</td>
<td>ES-MM4</td>
<td>Lutra lutra</td>
</tr>
<tr>
<td>Alto Tambre</td>
<td>Species of interest</td>
<td>ESLA9</td>
<td>Lutra lutra</td>
</tr>
<tr>
<td>Alto Turia</td>
<td>Species of interest</td>
<td>ES-MM11</td>
<td>Lutra lutra</td>
</tr>
<tr>
<td>Ancares de León B</td>
<td>Species of interest</td>
<td>ES-Oso2.1</td>
<td>Ursus arctos</td>
</tr>
<tr>
<td>Ancares de León C</td>
<td>Species of interest</td>
<td>ES-Oso2.2</td>
<td>Ursus arctos</td>
</tr>
<tr>
<td>Ancares de Lugo B</td>
<td>Species of interest</td>
<td>ES-Oso1.1</td>
<td>Ursus arctos</td>
</tr>
<tr>
<td>Ancares de Lugo C norte</td>
<td>Species of interest</td>
<td>ES-Oso1.3</td>
<td>Ursus arctos</td>
</tr>
<tr>
<td>Ancares de Lugo C sur</td>
<td>Species of interest</td>
<td>ES-Oso1.2</td>
<td>Ursus arctos</td>
</tr>
</tbody>
</table>
Anchuras
ES-L170 Species of interest
1362 Lynx pardina

Andévalo
ES-L11 Species of interest
1362 Lynx pardina

Andújar
ES-L123 Species of interest
1362 Lynx pardina

Aracena
ES-L16 Species of interest
1362 Lynx pardina

Arbúcies, St. Pere Desplà
ES-034RF

Ardila, Medina de las Torres-Frontera con Portugal
ES-52f Species of interest
1133 Anaecypris hispanica

Arenoso
ES-L122 Species of interest
1362 Lynx pardina

Aroche
ES-L12 Species of interest
1362 Lynx pardina

Arroyo Albarrega, todo el río
ES-68f Species of interest
1133 Anaecypris hispanica

Arroyo Arenosillo, Montoro
ES-474

Arroyo Balado
ES-610

Arroyo Barbacal, Constanina
ES-149RF

Arroyo Barbaón, Villa Real de San Carlos
ES-432

Arroyo Bonagil, Constanina
ES-151RF

Arroyo Borbén, end section
ES-634

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

91E0 Residual alluvial forests (Alnion)
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

Arroyo Chorrerón,
ES-444

Arroyo Ciudadeja, Las Navas de la Concepción
ES-160RF

Arroyo Corcomé, Villa del Río
ES-476

Arroyo de Candelada
ES-611

Arroyo de Ferreira, headwaters
ES-551

Arroyo de Galleguillos, Las Navas de la Concepción
ES-147RF

Arroyo de Guadalora, Hornachuelos
ES-146RF

Arroyo de Guadalupe and Valdegracia, Guadalupe
ES-018RF

Arroyo de Guaza lema, Hornachuelos
ES-145RF

Arroyo de la Baja, Hornachuelos
ES-167RF

Arroyo de la Cabeza, Cabañeros
ES-443
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)
Arroyo de San Juan, San Benito
ES-196RF
Arroyo de San Julián
ES-605
Arroyo de San Pedro, Cazalla de la Sierra
ES-134RF
Arroyo de Santa Brígida, Montoro
ES-478
Arroyo de Valhondo and afluents, Puebla de Don Rodrigo.
ES-446
Arroyo del Chorro, Robledo del Buey
ES-440
Arroyo del Cohete, Hinojosa del Duque
ES-185RF
Arroyo del Granal
ES-623
Arroyo del Guadalmazán, Guadalcázar
ES-135RF
Arroyo del Molinillo, Bélmez
ES-181RF
Arroyo del Moral, Alanís
ES-164RF
Arroyo del Parroso, El Pedroso
ES-153RF
Arroyo del Picadero-Garganta de los Nogales, Deleitosa
ES-020RF
Arroyo del Rey and Rivera de Huelva, Zufre
ES-489

Habitats of Interest
91E0 Residual alluvial forests (Alnion)

Habitats of Interest
91E0 Residual alluvial forests (Alnion)

Habitats of Interest
91E0 Residual alluvial forests (Alnion)

Habitats of Interest
91E0 Residual alluvial forests (Alnion)

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

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

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

Habitats of Interest
91E0 Residual alluvial forests (Alnion)

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

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

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

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

Habitats of Interest
91E0 Residual alluvial forests (Alnion)

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

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

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

Habitats of Interest
92D0 Thermo-Mediterranean riparian galleries
Arroyo del Robledillo, Navas de Estena
ES-023RF

Arroyo del Rubio, Fuente-Obejuna
ES-168RF

Arroyo del Salar de Margen, Benamaurel
ES-658

Arroyo del Salobral, Cabeza de Buey
ES-428

Arroyo del Salto del Gato
ES-638

Arroyo del SILLO. Todo el río
ES-74cf

Arroyo del Sotillo, Santa Eufemia
ES-191RF

Arroyo del Tallón, Tallón Bajo
ES-524

Arroyo Grande, Alamillo
ES-499

Arroyo Guadalora, Hornachuelos
ES-156RF

Arroyo Guadamora, Torrecampo
ES-193RF

Arroyo Laguna Rota, Garrovillas
ES-434

Arroyo Lenguinetze, Amorebieta-Echano
ES-039RF

---

135

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

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

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

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

Habitats of Interest
91E0 Residual alluvial forests (Alnion)

Species of interest
1133 Anaecypris hispanica

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

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

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

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

Habitats of Interest
91E0 Residual alluvial forests (Alnion)

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

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

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

Habitats of Interest
92D0 Thermo-Mediterranean riparian galleries
(Nerio-Tamariceteae) and south-west Iberian
<table>
<thead>
<tr>
<th>Arroyo Mariana, El Pedroso</th>
<th>Habitats of Interest</th>
<th>92D0</th>
<th>Thermo-Mediterranean riparian galleries (Nerio-Tamaricetcceae) and south-west Iberian</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES-152RF</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Arroyo Martín Gonzalo, Montoro</td>
<td>Habitats of Interest</td>
<td>92D0</td>
<td>Thermo-Mediterranean riparian galleries (Nerio-Tamaricetcceae) and south-west Iberian</td>
</tr>
<tr>
<td>ES-475</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Arroyo Masacán, Constantina</td>
<td>Habitats of Interest</td>
<td>92D0</td>
<td>Thermo-Mediterranean riparian galleries (Nerio-Tamaricetcceae) and south-west Iberian</td>
</tr>
<tr>
<td>ES-133RF</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Arroyo Navalacienda, Torrecampo</td>
<td>Habitats of Interest</td>
<td>92D0</td>
<td>Thermo-Mediterranean riparian galleries (Nerio-Tamaricetcceae) and south-west Iberian</td>
</tr>
<tr>
<td>ES-194RF</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Arroyo Navalengua, Torrecampo</td>
<td>Habitats of Interest</td>
<td>92D0</td>
<td>Thermo-Mediterranean riparian galleries (Nerio-Tamaricetcceae) and south-west Iberian</td>
</tr>
<tr>
<td>ES-195RF</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Arroyo Parejo, Adamuz</td>
<td>Habitats of Interest</td>
<td>92D0</td>
<td>Thermo-Mediterranean riparian galleries (Nerio-Tamaricetcceae) and south-west Iberian</td>
</tr>
<tr>
<td>ES-472</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Arroyo Pasaderas, San Benito</td>
<td>Habitats of Interest</td>
<td>92D0</td>
<td>Thermo-Mediterranean riparian galleries (Nerio-Tamaricetcceae) and south-west Iberian</td>
</tr>
<tr>
<td>ES-501</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Arroyo Pedregosa, Almadén de la Plata</td>
<td>Habitats of Interest</td>
<td>92D0</td>
<td>Thermo-Mediterranean riparian galleries (Nerio-Tamaricetcceae) and south-west Iberian</td>
</tr>
<tr>
<td>ES-485</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Arroyo Quejigo and Rivera de Cala, Santa Olalla de Cala</td>
<td>Habitats of Interest</td>
<td>92D0</td>
<td>Thermo-Mediterranean riparian galleries (Nerio-Tamaricetcceae) and south-west Iberian</td>
</tr>
<tr>
<td>ES-486</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Arroyo Riomao</td>
<td>Habitats of Interest</td>
<td>92D0</td>
<td>Thermo-Mediterranean riparian galleries (Nerio-Tamaricetcceae) and south-west Iberian</td>
</tr>
<tr>
<td>ES-613</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Arroyo Robledo de las Ollas, Fuencaliente</td>
<td>Habitats of Interest</td>
<td>92D0</td>
<td>Thermo-Mediterranean riparian galleries (Nerio-Tamaricetcceae) and south-west Iberian</td>
</tr>
<tr>
<td>ES-447</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Arroyo Salado, Malá</td>
<td>Habitats of Interest</td>
<td>92D0</td>
<td>Thermo-Mediterranean riparian galleries (Nerio-Tamaricetcceae) and south-west Iberian</td>
</tr>
<tr>
<td>ES-701</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Arroyo Salado, Porcuna</td>
<td>Habitats of Interest</td>
<td>92D0</td>
<td>Thermo-Mediterranean riparian galleries (Nerio-Tamaricetcceae) and south-west Iberian</td>
</tr>
<tr>
<td>ES-480</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
SPAIN

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

Arroyos de la Parrilla, Viñuela and Ríofrío, Adamuz
ES-471

Habitats of Interest
91E0 Residual alluvial forests (Alnion)

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

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
4040 Dry coastal heaths with Erica vagans and Ulex

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
91E0 Residual alluvial forests (Alnion)

Barranco de Escariella-Riu Escrita, Espot
ES-087RF

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

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
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

Mesogeian
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
Bayas-La Deva
ES143

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

Benasque-Sahún
ES86

BIDASOA. Elizondo-Desembocadura
ES-92cf Species of interest
1106 Salmo salar

Bisaurri
ES198

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

Cabo Peñas
ES144

Cabo Roche
ES121

Cabo Udra
ES127
<table>
<thead>
<tr>
<th>Location</th>
<th>Habitat Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cadaques, Junquet ES-101RF</td>
<td>Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian</td>
</tr>
<tr>
<td>Cala dels Alocs, Ferreries ES-461</td>
<td>Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian</td>
</tr>
<tr>
<td>Cala Galdana ES-25Fst</td>
<td>Mediterranean pine forests with endemic Mesogean pines, including Pinus mugo and Pinus leucodermis</td>
</tr>
<tr>
<td>Caleruega-Sierra de las Mamblas ES-110Fst</td>
<td>Endemic Mediterranean forests with Juniperus spp.</td>
</tr>
<tr>
<td>Caló-La Mola ES-26Fst</td>
<td>Mediterranean pine forests with endemic Mesogean pines, including Pinus mugo and Pinus leucodermis</td>
</tr>
<tr>
<td>Campo de Montiel ES-119Fst</td>
<td>Endemic Mediterranean forests with Juniperus spp.</td>
</tr>
<tr>
<td>Canales y arrozales de Alfarrás ES165</td>
<td>Intermittently flowing Mediterranean rivers</td>
</tr>
<tr>
<td>Canales y lagunas de Pals ES159</td>
<td>Intermittently flowing Mediterranean rivers</td>
</tr>
<tr>
<td>Candeleda ES-L145</td>
<td>Mediterranean pine forests with endemic Mesogean pines, including Pinus mugo and Pinus leucodermis</td>
</tr>
<tr>
<td>Canet de Mar, Cal Misser ES-105RF</td>
<td>Endemic Mediterranean forests with Juniperus spp.</td>
</tr>
<tr>
<td>Cap de Cala Figuera ES23</td>
<td>Endemic Mediterranean forests with Juniperus spp.</td>
</tr>
<tr>
<td>CARES. Las Arenas-Cares Deva ES-110cf</td>
<td>Species of interest</td>
</tr>
<tr>
<td>CARES-DEVA. Todo el rio ES-109cf</td>
<td>Species of interest</td>
</tr>
</tbody>
</table>

**Species of Interest**

- **1065 Euphydryas aurinia**
- **1362 Lynx pardina**
- **1219 Testudo graeca**
- **1106 Salmo salar**
Carnota Monte Pindo
ES130

CASAÑO. Todo el río
ES-113cf Species of interest
1106 Salmo salar

Castrojimeno
ES-187Fst

Cedillo
ES-LI47 Species of interest
1362 Lynx pardina

Centelles
ES-32Fst Mesoegean leucodermis

Cerdaña
ES203

Cerrato (Río Franco)
ES-111Fst

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-Escuain
ES-AM3 Species of interest
1355 Lutra lutra

Comarca de Luna
ES-109Fst

Complejo Ésera-Isábena
ES-AM1 Species of interest
1355 Lutra lutra

Complejo húmedo de Corrubedo
ES129

Complejo Ons-Grove
ES128

Habitats of Interest
4040 Dry coastal heaths with Erica vagans and Ulex

Habitats of Interest
9560 Endemic Mediterranean forests with Juniperus spp.

Habitats of Interest
9540 Mediterranean pine forests with endemic pines, including Pinus mugo and Pinus

Habitats of Interest
6510 Lowland hay meadows (Alopecurus pratensis, Sanguisorba officinalis)

Habitats of Interest
9560 Endemic Mediterranean forests with Juniperus spp.

Habitats of Interest
9560 Endemic Mediterranean forests with Juniperus spp.

Habitats of Interest
9560 Endemic Mediterranean forests with Juniperus spp.

Habitats of Interest
4040 Dry coastal heaths with Erica vagans and Ulex
<table>
<thead>
<tr>
<th>Location</th>
<th>Feature Code</th>
<th>Feature Type</th>
<th>Species of Interest</th>
<th>Species Code</th>
<th>Species Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corredor de Guadalmellato</td>
<td>ES-LI58</td>
<td>Species of interest</td>
<td>Lynx pardina</td>
<td>1362</td>
<td>Lynx pardina</td>
</tr>
<tr>
<td>Corredor de Mudela</td>
<td>ES-LI63</td>
<td>Species of interest</td>
<td>Lynx pardina</td>
<td>1362</td>
<td>Lynx pardina</td>
</tr>
<tr>
<td>Corredor de Pajares</td>
<td>ES-Oso12</td>
<td>Species of interest</td>
<td>Ursus arctos</td>
<td>1354</td>
<td>Ursus arctos</td>
</tr>
<tr>
<td>Corredor de Pajaressur</td>
<td>ES-Oso12.02</td>
<td>Species of interest</td>
<td>Ursus arctos</td>
<td>1354</td>
<td>Ursus arctos</td>
</tr>
<tr>
<td>Corredor de Santa Eufemia</td>
<td>ES-LI59</td>
<td>Species of interest</td>
<td>Lynx pardina</td>
<td>1362</td>
<td>Lynx pardina</td>
</tr>
<tr>
<td>Cortijo del Americano, Obejo</td>
<td>ES-173RF</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Costa Artabra</td>
<td>ES135</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Costa da Vela</td>
<td>ES126</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Costa de Dexo</td>
<td>ES134</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Costa de Doñana</td>
<td>ES-LA2</td>
<td>Species of interest</td>
<td>Lutra lutra</td>
<td>1355</td>
<td>Lutra lutra</td>
</tr>
<tr>
<td>Costa de la Muerte, centro</td>
<td>ES132</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Costa de la Muerte, este</td>
<td>ES133</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Costa de la Muerte, oeste</td>
<td>ES131</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Costa de Luarca</td>
<td>ESMM23</td>
<td>Species of interest</td>
<td>Phocoena phocoena</td>
<td>1351</td>
<td>Phocoena phocoena</td>
</tr>
<tr>
<td>Costa norte de La Coruña</td>
<td>ES-LA6</td>
<td>Species of interest</td>
<td>Lutra lutra</td>
<td>1355</td>
<td>Lutra lutra</td>
</tr>
<tr>
<td>Costa Occidental de Asturias y Costa de Lugo (Rías)</td>
<td>ESLA3</td>
<td>Species of interest</td>
<td>Lutra lutra</td>
<td>1355</td>
<td>Lutra lutra</td>
</tr>
</tbody>
</table>

**Habitats of Interest**

- Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian
- Dry coastal heaths with Erica vagans and Ulex
- Dry coastal heaths with Erica vagans and Ulex
- Dry coastal heaths with Erica vagans and Ulex
- Dry coastal heaths with Erica vagans and Ulex
- Dry coastal heaths with Erica vagans and Ulex
- Dry coastal heaths with Erica vagans and Ulex
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

CR, Charca, Moral de Calatrava (30SVH5594)

ES-271

CR, Laguna Camacha, Alcolea de Calatrava (30SVJ0320)

ES-265

CR, Laguna Carrizosa, Cabezarados (30SUJ9200)

ES-274

CR, Laguna de la Dehesa, Cabezarados (30SUJ8702)

ES-277

CR, Navajo del Cerro Pelado, Villamayo de Calatrava (30SUH9693)

ES-272

Cuenca del Guadalmellato

ESMM10 Species of interest
1355 Lutra lutra

Cuenca del Río Ebo, Fleix

ES-296RF

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 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

Cuencas del Muga, Fluvia i Aiguamolls de l'Empordà

ES-LM1 Species of interest
1355 Lutra lutra

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

Cumbres Mayores

ES-LI3 Species of interest
1362 Lynx pardina

Dañanor

ES-LI65 Species of interest
1362 Lynx pardina
de la MAREA. Todo el río
ES-132cf  Species of interest
1106  Salmo salar

Debesa de Saga, Ger
ES-074RF

Desembocadura del Guadiana y el Chanza
ESLA5  Species of interest
1355  Lutra lutra

DEVÁ. 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

Duero-Ucero rivers
ES-MM15  Species of interest
1355  Lutra lutra

Dunas de Doñana
ES117

Dunas de Guardamar
ES114

Dunas de Liencres y Estuario del Pas
ES147

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

El Prat
ES116

Habitats of Interest
91E0  Residual alluvial forests (Alnion)

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
2270  Wooded dunes with Pinus pinea and/or Pinus

Dunas de Doñana
ES117  Habitats of Interest
2270  Wooded dunes with Pinus pinea and/or Pinus

Ebro river
ES-MT16  Habitats of Interest
4040  Dry coastal heaths with Erica vagans and Ulex

Ega-Urederra rivers
ES-MT14  Habitats of Interest
92DO  Thermo-Mediterranean riparian galleries
(Nerio-Tamariceteae) and south-west Iberian

El Cerezo, Navalvillar de Ibor
ES-014RF  Habitats of Interest
2270  Wooded dunes with Pinus pinea and/or Pinus
El Turbón
ES80  Habitat 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

España
ES16  Habitat 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  Habitat 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

ESTENEA. 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  Habitat of Interest
9180  Tilio-Acerion ravine forests
<table>
<thead>
<tr>
<th>Location</th>
<th>Habitat Type</th>
<th>Species of Interest</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frejulfe</td>
<td>Dry coastal heaths with Erica vagans and Ulex</td>
<td></td>
</tr>
<tr>
<td>FRESNEDOSO. Todo el río</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ES-191cf</td>
<td>Species of interest</td>
<td>Anaecypris hispanica</td>
</tr>
<tr>
<td>Fuencaliente</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ES-L.I62</td>
<td>Species of interest</td>
<td>Lynx pardina</td>
</tr>
<tr>
<td>Fuentebravia</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ES118</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fuentes del Narcea y del Ibias A</td>
<td>Wooded dunes with Pinus pinea and/or Pinus</td>
<td></td>
</tr>
<tr>
<td>ES-Oso4.1</td>
<td>Species of interest</td>
<td>Ursus arctos</td>
</tr>
<tr>
<td>Fuentes del Narce y del Ibias B norte</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ES-Oso4.2</td>
<td>Species of interest</td>
<td>Ursus arctos</td>
</tr>
<tr>
<td>Garganta de Alardos, Candeleda</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ES-216RF</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Garganta de las Lanchas, Robledo del Mazo</td>
<td>Residual alluvial forests (Alnion)</td>
<td></td>
</tr>
<tr>
<td>ES-021RF</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Garganta de Santa María and Arroyo de las Palas, Candeleda</td>
<td>Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian</td>
<td></td>
</tr>
<tr>
<td>ES-004RF</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Garganta de Santa María, Candeleda</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ES-003RF</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Garganta del Mesto, Villar del Pedroso</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ES-012RF</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Garganta Fría, Almadén de la Plata</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ES-483</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Garganta Salóbriga, Navalvillar de Ibor</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ES-013RF</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Garganta Solana and Río Berzocana</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ES-015RF</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
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

<table>
<thead>
<tr>
<th>Location</th>
<th>Habitats of Interest</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Hoz Seca, Peralejos de las Truchas</strong></td>
<td>ES9</td>
</tr>
<tr>
<td><strong>Hu, El Basa, Ballovar</strong> (31TBG6111)</td>
<td>ES-125</td>
</tr>
<tr>
<td><strong>Humedales de Doñana y entornos</strong></td>
<td></td>
</tr>
<tr>
<td>ES-LL1</td>
<td>Habitats of Interest</td>
</tr>
<tr>
<td><strong>Irati-Urrobi rivers</strong></td>
<td></td>
</tr>
<tr>
<td>ES-MM20</td>
<td>Species of interest</td>
</tr>
<tr>
<td><strong>Iregua river</strong></td>
<td></td>
</tr>
<tr>
<td>ES-MM19</td>
<td>Species of interest</td>
</tr>
<tr>
<td><strong>Isla de L'Esponge</strong></td>
<td></td>
</tr>
<tr>
<td>ES30</td>
<td>Species of interest</td>
</tr>
<tr>
<td><strong>Isla del Aire</strong></td>
<td></td>
</tr>
<tr>
<td>ES24</td>
<td>Species of interest</td>
</tr>
<tr>
<td><strong>Isla Dragonera</strong></td>
<td></td>
</tr>
<tr>
<td>ES34</td>
<td>Species of interest</td>
</tr>
<tr>
<td><strong>Isla Malgrats e Islote de los Conejos</strong></td>
<td></td>
</tr>
<tr>
<td>ES35</td>
<td>Species of interest</td>
</tr>
<tr>
<td><strong>Isla Na Forada</strong></td>
<td></td>
</tr>
<tr>
<td>ES32</td>
<td>Species of interest</td>
</tr>
<tr>
<td><strong>Isla Na Plana</strong></td>
<td></td>
</tr>
<tr>
<td>ES40</td>
<td>Species of interest</td>
</tr>
<tr>
<td><strong>Isla Na Pobra</strong></td>
<td></td>
</tr>
<tr>
<td>ES41</td>
<td>Species of interest</td>
</tr>
<tr>
<td><strong>Isla Nitge</strong></td>
<td></td>
</tr>
<tr>
<td>ES33</td>
<td>Species of interest</td>
</tr>
<tr>
<td><strong>Isla Toro</strong></td>
<td></td>
</tr>
<tr>
<td>ES44</td>
<td>Species of interest</td>
</tr>
<tr>
<td><strong>Islas Addaya Gran, Addaya Petita e Islote de Ses Mones</strong></td>
<td></td>
</tr>
<tr>
<td>ES25</td>
<td>Species of interest</td>
</tr>
<tr>
<td><strong>Islas Baleares</strong></td>
<td></td>
</tr>
<tr>
<td>ES-RM1</td>
<td>Species of interest</td>
</tr>
</tbody>
</table>

- **Habitats of Interest**
  - 9180 Tilio-Acerion ravine forests
  - 3170 Mediterranean temporary ponds
<table>
<thead>
<tr>
<th>Location</th>
<th>Habitat Type</th>
<th>Species of Interest</th>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Islas Blesas</td>
<td></td>
<td>Species of interest</td>
<td>ES39</td>
<td>Podarcis lilfordi</td>
</tr>
<tr>
<td>Islas Chafarinas</td>
<td></td>
<td>Species of interest</td>
<td>ES-MM10</td>
<td>Monachus monachus</td>
</tr>
<tr>
<td>Islas Cies</td>
<td></td>
<td>Species of interest</td>
<td>ES125</td>
<td></td>
</tr>
<tr>
<td>Islas de Cabrera, Fonois Gros, Fonois Petit y Ses Rates</td>
<td>Species of interest</td>
<td>ES38</td>
<td>Podarcis lilfordi</td>
<td></td>
</tr>
<tr>
<td>Islas de Colom y Hospital</td>
<td></td>
<td>Species of interest</td>
<td>ES26</td>
<td>Podarcis lilfordi</td>
</tr>
<tr>
<td>Islas de la Guardia, Moltona y Frailes</td>
<td>Species of interest</td>
<td>ES37</td>
<td>Podarcis lilfordi</td>
<td></td>
</tr>
<tr>
<td>Islas des Conis y Na Redonda</td>
<td>Species of interest</td>
<td>ES29</td>
<td>Podarcis lilfordi</td>
<td></td>
</tr>
<tr>
<td>Islas Estelas</td>
<td></td>
<td>Species of interest</td>
<td>ES124</td>
<td></td>
</tr>
<tr>
<td>Islas Xapat Gros, Xapat Petit y Teula</td>
<td>Species of interest</td>
<td>ES45</td>
<td>Podarcis lilfordi</td>
<td></td>
</tr>
<tr>
<td>Islote de Porros</td>
<td>Species of interest</td>
<td>ES42</td>
<td>Podarcis lilfordi</td>
<td></td>
</tr>
<tr>
<td>Islote de Sargantana</td>
<td>Species of interest</td>
<td>ES43</td>
<td>Podarcis lilfordi</td>
<td></td>
</tr>
<tr>
<td>Islote D'Es Colom</td>
<td>Species of interest</td>
<td>ES28</td>
<td>Podarcis lilfordi</td>
<td></td>
</tr>
<tr>
<td>Islote Imperial</td>
<td>Species of interest</td>
<td>ES36</td>
<td>Podarcis lilfordi</td>
<td></td>
</tr>
<tr>
<td>Islotes Codrell</td>
<td>Species of interest</td>
<td>ES27</td>
<td>Podarcis lilfordi</td>
<td></td>
</tr>
<tr>
<td>Jaizquibel</td>
<td></td>
<td>Species of interest</td>
<td>ES151</td>
<td></td>
</tr>
<tr>
<td>La Liébana</td>
<td>Species of interest</td>
<td>ES60</td>
<td>Euphydryas aurinia</td>
<td></td>
</tr>
</tbody>
</table>

**Habitats of Interest**

- Dry coastal heaths with Erica vagans and Ulex

150
La Rocina
ES-L152 Species of interest
1362 Lynx pardina

Laderas del Cadi (este)
ES202 Habitats of Interest
6510 Lowland hay meadows (Alopecurus pratensis, Sanguisorba officinalis)

Laderas del Cadi (oeste)
ES201 Habitats of Interest
6510 Lowland hay meadows (Alopecurus pratensis, Sanguisorba officinalis)

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 Guillerries
ES-91 Habitats of Interest
9180 Tilio-Acerion ravine forests

Las Villas
ES-L127 Species of interest
1362 Lynx pardina

Las Villuercas
ES-L139 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

Llavorsí
ES-075RF

M, Embalse de Santillana, Manzanares el Real (30TVL3009)
ES-191

Mancomunidad de Canales de la Sª., Mansilla-Villavelayo
ES-043RF

MANDEO. Todo el río
ES-316cf Species of interest
1106 Salmo salar

Maranchón-La Ina
ES-115Fst

Marismas de Barbate
ES-LA4 Species of interest
1355 Lutra lutra

Marismas de Noja-Santoña
ES149

MASMA. Todo el río
ES-327cf Species of interest
1106 Salmo salar

Massis de L’Albera
ES-92

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

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

Habitats of Interest
91E0 Residual alluvial forests (Alnion)

Habitats of Interest
3170 Mediterranean temporary ponds

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

Habitats of Interest
9560 Endemic Mediterranean forests with Juniperus spp.

Habitats of Interest
4040 Dry coastal heaths with Erica vagans and Ulex

Habitats of Interest
9180 Tilio-Acerion ravine forests
Minchate
ES-Oso13.3 Species of interest
1354 Ursus arctos

MIÑO. As Neves-Desembocadura
ES-347cf Species of interest
1106 Salmo salar

Miño-Neira
ESLA10 Species of interest
1355 Lutra lutra

Miravete
ES-L169 Species of interest
1362 Lynx pardina

Mll, Llucament Nou, Marina de Llucmajor (30SDD7961)
ES-337 Habitats of Interest
3170 Mediterranean temporary ponds

Mll, Puig de Ros de Dalt, Marina de Llucmajor (30SDD8167)
ES-338 Habitats of Interest
3170 Mediterranean temporary ponds

Mll, S’Aguila den Quart, marina de Llucmajor (30SDD8159)
ES-340 Habitats of Interest
3170 Mediterranean temporary ponds

Mll, sa Casa des Guarda, Marina de Llucmajor (30SDD8259)
ES-339 Habitats of Interest
3170 Mediterranean temporary ponds

Mll, Sa Torre, Marina de Llucmajor (30SDD8265)
ES-342 Habitats of Interest
3170 Mediterranean temporary ponds

Mll, Son Granada, Marina de Llucmajor (30SDD7869)
ES-341 Habitats of Interest
3170 Mediterranean temporary ponds

Mn, Bassa Verda de Binissermenya, Mesquida (31SFE0919)
ES-335 Habitats of Interest
3170 Mediterranean temporary ponds

Moguer
ES-L18 Species of interest
1362 Lynx pardina

Monfragüe
ES-L140 Species of interest
1362 Lynx pardina

Montaña Occidental A
ES-Oso10.1 Species of interest
1354 Ursus arctos

Montaña Occidental B
ES-Oso10.2 Species of interest
1354 Ursus arctos

Montaña palentina A
ES-Oso9.1 Species of interest
1354 Ursus arctos
<table>
<thead>
<tr>
<th>Location</th>
<th>Species of interest</th>
<th>Habitat of Interest</th>
</tr>
</thead>
<tbody>
<tr>
<td>Montaña Palentina B</td>
<td>ES-Oso9.2 Ursus arctos</td>
<td>9180 Tilio-Acerion ravine forests</td>
</tr>
<tr>
<td>Monte de El Pardo</td>
<td>ES65 Euphydryas aurinia</td>
<td>9560 Endemic Mediterranean forests with Juniperus spp.</td>
</tr>
<tr>
<td>Monte de Los Belgas</td>
<td>ES78 Euphydryas aurinia</td>
<td>9180 Tilio-Acerion ravine forests</td>
</tr>
<tr>
<td>Monte Izarraitz</td>
<td>ES12 Cucujus cinnaberinus</td>
<td>9560 Endemic Mediterranean forests with Juniperus spp.</td>
</tr>
<tr>
<td>Monte Muniellos</td>
<td>ES6 Euphydryas aurinia</td>
<td>9180 Tilio-Acerion ravine forests</td>
</tr>
<tr>
<td>Montejo de Tielmes</td>
<td>ES-113Fst Endemic Mediterranean forests with Juniperus spp.</td>
<td></td>
</tr>
<tr>
<td>Montes de Oca</td>
<td>ES51 Euphydryas aurinia</td>
<td>9560 Endemic Mediterranean forests with Juniperus spp.</td>
</tr>
<tr>
<td>Montes de Ordunte</td>
<td>ES46 Euphydryas aurinia</td>
<td>9560 Endemic Mediterranean forests with Juniperus spp.</td>
</tr>
<tr>
<td>Montes de Picaza</td>
<td>ES-116Fst Endemic Mediterranean forests with Juniperus spp.</td>
<td></td>
</tr>
<tr>
<td>Montes Universales (Casas de Bucar)</td>
<td>ES194 Lowland hay meadows (Alopecurus pratensis, Sanguisorba officianalis)</td>
<td></td>
</tr>
<tr>
<td>Montes Universales (El Villarejo)</td>
<td>ES195 Lowland hay meadows (Alopecurus pratensis, Sanguisorba officianalis)</td>
<td></td>
</tr>
<tr>
<td>Moral de Hornuez-Montejo de la Vega</td>
<td>ES-114Fst Endemic Mediterranean forests with Juniperus spp.</td>
<td></td>
</tr>
<tr>
<td>Mudela</td>
<td>ES-LI24 Lynx pardina</td>
<td>9560 Endemic Mediterranean forests with Juniperus spp.</td>
</tr>
<tr>
<td>Muela de Cortes de Pallas-Sierra de Martés-Sierra del Boquerón</td>
<td>ES-27Fst Mediterranean pine forests with endemic pines, including Pinus mugo and Pinus</td>
<td></td>
</tr>
</tbody>
</table>
SPAIN

MURTIGA. Todo el río
ES-353cf Species of interest
1133 Anaecypris hispanica

Habitats of Interest
ES11 Nacedero del Urederra
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
regeneration
7120 Degraded raised bogs (still capable of

Ordesa, Añisclo
ES4 Species of interest
1902 Cypripedium calceolus

ORO. Todo el río
ES-374cf Species of interest
1106 Salmo salar

Osor, Baier
ES-024RF Habitats of Interest

Ortigueira Mera
ES136

Osor, Can Verbolades
ES-025RF

Habitats of Interest

155
Pals
ES115

Parameras de Molina
ES-75
Mesogeic
leucodermis

**Habitats of Interest**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2270</td>
<td>Wooded dunes with Pinus pinea and/or Pinus</td>
</tr>
</tbody>
</table>

Paymogo
ES-LI50

**Species of interest**

<table>
<thead>
<tr>
<th>Code</th>
<th>Species</th>
</tr>
</thead>
<tbody>
<tr>
<td>1106</td>
<td>Salmo salar</td>
</tr>
</tbody>
</table>

Peñarredonda
ES140

**Habitats of Interest**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>4040</td>
<td>Dry coastal heaths with Erica vagans and Ulex</td>
</tr>
</tbody>
</table>

PEREIRO. Todo el río
ES-385cf

**Species of interest**

<table>
<thead>
<tr>
<th>Code</th>
<th>Species</th>
</tr>
</thead>
<tbody>
<tr>
<td>1106</td>
<td>Salmo salar</td>
</tr>
</tbody>
</table>

Picón
ES-LI33

**Species of interest**

<table>
<thead>
<tr>
<th>Code</th>
<th>Species</th>
</tr>
</thead>
<tbody>
<tr>
<td>1362</td>
<td>Lynx pardina</td>
</tr>
</tbody>
</table>

PIGÜEÑA. Todo el río
ES-387cf

**Species of interest**

<table>
<thead>
<tr>
<th>Code</th>
<th>Species</th>
</tr>
</thead>
<tbody>
<tr>
<td>1106</td>
<td>Salmo salar</td>
</tr>
</tbody>
</table>

PILOÑA. Todo el río
ES-388cf

**Species of interest**

<table>
<thead>
<tr>
<th>Code</th>
<th>Species</th>
</tr>
</thead>
<tbody>
<tr>
<td>1106</td>
<td>Salmo salar</td>
</tr>
</tbody>
</table>

Pinar de Tabuyo
ES-77

Mesogeic
leucodermis

**Habitats of Interest**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>9540</td>
<td>Mediterranean pine forests with endemic pines, including Pinus mugo and Pinus</td>
</tr>
</tbody>
</table>

Pinares de Bureba (Oña)
ES-76

**Habitats of Interest**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>9540</td>
<td>Mediterranean pine forests with endemic pines, including Pinus mugo and Pinus</td>
</tr>
</tbody>
</table>

Pinares de Cuéllar
ES-78

**Habitats of Interest**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>9540</td>
<td>Mediterranean pine forests with endemic pines, including Pinus mugo and Pinus</td>
</tr>
</tbody>
</table>

Pinares de Losa
ES79

**Species of interest**

<table>
<thead>
<tr>
<th>Code</th>
<th>Species</th>
</tr>
</thead>
<tbody>
<tr>
<td>1065</td>
<td>Euphydryas aurinia</td>
</tr>
</tbody>
</table>
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 Tamariu
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

Habitats of Interest
9180 Tilio-Acerion ravine forests

Puente de San Pedro, Zaorejas
ES10

Puerto Lápice Estena
ES-LJ32 Species of interest 1362 Lynx pardina

Puerto Real
ES120

Puigforniu, Soriguera
ES-086RF

Habitats of Interest
2270 Wooded dunes with Pinus pinea and/or Pinus

PURÓN. Todo el río
ES-398cf Species of interest 1106 Salmo salar

Habitats of Interest
91E0 Residual alluvial forests (Alnion

QUEJIGARES. Todo el río
ES-401cf Species of interest

Habitats of Interest
91E0 Residual alluvial forests (Alnion

157
Anaecypris hispanica

Habitats of Interest
3290 Intermittently flowing Mediterranean rivers

Intermittently flowing Mediterranean rivers

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Rambla del Pilarico
ES180

Rambla del Puerto de la Cadena
ES191

Rambla del Tinajón
ES176

Redes
ES-Oso11 Species of interest
1354 Ursus arctos

Regato de Marín, Berroeta
ES-535

RETÍN. Todo el río
ES-404cf Species of interest
1133 Anaecypris hispanica

Retortillo
ES-LI17 Species of interest
1362 Lynx pardina

Returta de Pina y Sierra de Alcabierreina
ES-122Fst

Ría de Ajo
ES148

Ría de Gernica, Gernica y Luno, Uarca
ES-219RF

Ría de Guernica
ES62 Species of interest
1065 Euphydryas aurinia

Ría de Villaviciosa
ES145

Ría del Eo
ES139

Riachuelos del Cabo de Creus
ES155

Riachuelos del norte de Menorca
ES171

Ríaño B oeste
ES-Oso8.2 Species of interest
1354 Ursus arctos

Habitats of Interest
3290 Intermittently flowing Mediterranean rivers

Habitats of Interest
3290 Intermittently flowing Mediterranean rivers

Habitats of Interest
3290 Intermittently flowing Mediterranean rivers

Habitats of Interest
3290 Intermittently flowing Mediterranean rivers

Habitats of Interest
91E0 Residual alluvial forests (Alnion)

Habitats of Interest
91E0 Residual alluvial forests (Alnion)

Habitats of Interest
9560 Endemic Mediterranean forests with Juniperus spp.

Habitats of Interest
4040 Dry coastal heaths with Erica vagans and Ulex

Habitats of Interest
91E0 Residual alluvial forests (Alnion)

Habitats of Interest
4040 Dry coastal heaths with Erica vagans and Ulex

Habitats of Interest
4040 Dry coastal heaths with Erica vagans and Ulex

Habitats of Interest
3290 Intermittently flowing Mediterranean rivers

Habitats of Interest
3290 Intermittently flowing Mediterranean rivers
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

Riaza
ES52  Species of interest
1065  Euphydryas aurinia

Ribera de Ciudadeja, Las Navas de la Concepción
ES-132RF

Ribera de la Garona, Lés, Caneján
ES-055RF

Ribera de Santa Coloma, Fogars de Tordera
ES-054RF

Ribera Salada, Odén
ES-052RF

Riera de Cal Arenes, Villalva Saserra, Dosrius
ES-117RF

Riera de Caldes, Sant Viçen de Montalt
ES-106RF

Riera de Can Mates, Sant Cebriá de Vallalta
ES-123RF

Riera de Can Molines, Sant Sadurní
ES-097RF

Riera de Cánovas, Tanagament, Cánoves
ES-048RF

Riera de Castellfollit
ES167

Habitats of Interest
4040  Dry coastal heaths with Erica vagans and Ulex

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

Habitats of Interest
91E0  Residual alluvial forests (Alnion)

Habitats of Interest
91E0  Residual alluvial forests (Alnion)

Habitats of Interest
91E0  Residual alluvial forests (Alnion)

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

Habitats of Interest
91E0  Residual alluvial forests (Alnion)

Habitats of Interest
91E0  Residual alluvial forests (Alnion)

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

Habitats of Interest
91E0  Residual alluvial forests (Alnion)

Habitats of Interest
91E0  Residual alluvial forests (Alnion)

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

Habitats of Interest
3290  Intermittently flowing Mediterranean rivers
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)
Riera Major, Viladrau
ES-044RF

Habitats of Interest
91E0 Residual alluvial forests (Alnion)

Rio Aguas, Mojácar
ES-523

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

Rio Águeda, Fuenteguinaldo
ES-221RF

Habitats of Interest
91E0 Residual alluvial forests (Alnion)

Rio Agüera
ES150

Habitats of Interest
4040 Dry coastal heaths with Erica vagans and Ulex

Rio Ahío and Soutelo, Pesoz
ES-006RF

Habitats of Interest
91E0 Residual alluvial forests (Alnion)

Rio Alagón
ES-222RF

Habitats of Interest
91E0 Residual alluvial forests (Alnion)

Rio Alagón, Torrejoncillo
ES-433

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

Rio Albañuelas, Albañuelas
ES-685

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

Rio Alberche, Burgohondo
ES-223RF

Habitats of Interest
91E0 Residual alluvial forests (Alnion)

Rio Alcudia, Alamilla
ES-527

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

Rio Algars
ES169

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

Rio Alicún, Dehesas de Guadix
ES-662

Habitats of Interest
3290 Intermittently flowing Mediterranean rivers

Rio Aljucén, Mérida
ES-436

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

Rio Aller, Cabañaquinta
ES-529

Habitats of Interest
91E0 Residual alluvial forests (Alnion)

Rio Almofrei
ES-631

Habitats of Interest
91E0 Residual alluvial forests (Alnion)
<table>
<thead>
<tr>
<th>Location</th>
<th>Code</th>
<th>Habitat</th>
</tr>
</thead>
<tbody>
<tr>
<td>Río Almonte, Navazuelas</td>
<td>ES-010RF</td>
<td>Residual alluvial forests (Alnion)</td>
</tr>
<tr>
<td>Río Altube, Zuya, Casa de Echevarría</td>
<td>ES-275RF</td>
<td>Residual alluvial forests (Alnion)</td>
</tr>
<tr>
<td>Río Andarax, Alhama de Murcia</td>
<td>ES-513</td>
<td>Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian</td>
</tr>
<tr>
<td>Río Andarax, Bentarique</td>
<td>ES-514</td>
<td>Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian</td>
</tr>
<tr>
<td>Río Andarax, Instinción</td>
<td>ES-517</td>
<td>Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian</td>
</tr>
<tr>
<td>Río Andarax, Santa Fe de Mondéjar</td>
<td>ES-515</td>
<td>Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian</td>
</tr>
<tr>
<td>Río Anllons, Loureiros-Erbelleira</td>
<td>ES-558</td>
<td>Residual alluvial forests (Alnion)</td>
</tr>
<tr>
<td>Río Ara, Boltaña-Ainsa, Ainsa</td>
<td>ES-227RF</td>
<td>Residual alluvial forests (Alnion)</td>
</tr>
<tr>
<td>Río Ara, Fiscal-Broto, Jánovas</td>
<td>ES-228RF</td>
<td>Residual alluvial forests (Alnion)</td>
</tr>
<tr>
<td>Río Aragón, Artieda</td>
<td>ES-230</td>
<td>Residual alluvial forests (Alnion)</td>
</tr>
<tr>
<td>Río Aragón, Caparroso, Sotos de la Lobera and Sotillo</td>
<td>ES-231</td>
<td>Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian</td>
</tr>
<tr>
<td>Río Aragón, Puente la Reina de Jaca, Puente La Reina</td>
<td>ES-235RF</td>
<td>Residual alluvial forests (Alnion)</td>
</tr>
<tr>
<td>Río Araquil, Pamplona</td>
<td>ES-540</td>
<td>Residual alluvial forests (Alnion)</td>
</tr>
<tr>
<td>Río Aravalle</td>
<td>ES-238RF</td>
<td>Residual alluvial forests (Alnion)</td>
</tr>
<tr>
<td>Río Arba de Biel, Ejea de los caballeros, Pillué</td>
<td>ES-240RF</td>
<td>Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian</td>
</tr>
</tbody>
</table>


Río Arbillas, Poyales del Hoyo  
**ES-008RF**  

Río Ardila, Jerez de los Caballeros  
**ES-424**  

Río Ardila, Valverde de Burguillos  
**ES-425**  

Río Arenoso, Cardeña  
**ES-473**  

Río Arga  
**ES-541**  

Río Arga and barranco Olazas  
**ES-536**  

Río Arga, Osteriz  
**ES-538**  

Río Arga, Peralta, Soto de la Muga, right bank  
**ES-242RF**  

Río Arga, Urtasun  
**ES-539**  

Río Argos  
**ES174**  

Río Arlanza  
**ES-243RF**  

Río Arnegó and arroyo das Abellas  
**ES-594**  

Río Arnoa, Freixo  
**ES-646**  

Río Artigas, Bermeo, Magarrolo  
**ES-277RF**  

Río Asma, Chantada  
**ES-595**  

**Habitats of Interest**  
92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian  

**Habitats of Interest**  
92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian  

**Habitats of Interest**  
92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian  

**Habitats of Interest**  
92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian  

**Habitats of Interest**  
91E0 Residual alluvial forests (Alnion)  

**Habitats of Interest**  
91E0 Residual alluvial forests (Alnion)  

**Habitats of Interest**  
91E0 Residual alluvial forests (Alnion)  

**Habitats of Interest**  
91E0 Residual alluvial forests (Alnion)  

**Habitats of Interest**  
91E0 Residual alluvial forests (Alnion)  

**Habitats of Interest**  
3290 Intermittently flowing Mediterranean rivers  

**Habitats of Interest**  
91E0 Residual alluvial forests (Alnion)  

**Habitats of Interest**  
91E0 Residual alluvial forests (Alnion)  

**Habitats of Interest**  
91E0 Residual alluvial forests (Alnion)  

**Habitats of Interest**  
91E0 Residual alluvial forests (Alnion)  

**Habitats of Interest**  
91E0 Residual alluvial forests (Alnion)  

**Habitats of Interest**  
91E0 Residual alluvial forests (Alnion)  

**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, Pedrazo
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 Riacorbo
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 Benajarafe 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 Bibeí (headwaters) and arroyo del Rosario
ES-639

Habitats of Interest
91E0 Residual alluvial forests (Alnion)

Río Bidasoa, Berrizaúa
ES-533

Habitats of Interest
91E0 Residual alluvial forests (Alnion)

Río Bidasoa, arroyo condemnios-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 Cadi, 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 Canlló
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
91E0  Residual alluvial forests (Alnion)

Habitats of Interest

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

Río Castelbó, Montferrer-Castelbó
ES-082RF

Río Cega, Cuéllar
ES-209RF

Río Cerc, Alecs-Cerc
ES-064RF

Río Cereceda, Fuencaliente
ES-200RF

Río Cervantes, Cela-Navia river
ES-573

Río Chico, Virgen del Carmen
ES-519

Río Cinca, Monzón, Albalete de Cinca
ES-268

Río Cinca, Torrente de Cinca, Massalcorreg
ES-058RF

Río Cofo
ES-409

Río Conso, upstream of Vilariño de Conso
ES-641

Río Cuervo, headwaters
ES-416

Río Cuzna, Arroyos Tamujoso and García, Pozoblanco
ES-178RF

Río Daro, Sant Sadurní
ES-096RF

Río de Bedmar, Bedmar
ES-668

Río de Cabra, Aguilar de la Frontera
ES-162RF
Río de Civis, Valls de Valira
ES-078RF

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)

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)
ESMT16  Species of interest
1355  Lutra lutra

Rio Ebro, Baños de Ebro-El Ciego, Cenicero
ES-289RF

Rio Ebro, Buñuel
ES-312RF

Rio Ebro, Embalse del Ebro-Valderredible
ES-279RF

Rio Ebro, Flix, Barranchfosch
ES-314RF

Rio Ebro, Labastida, Recodo de Gimileo
ES-288RF

Rio Ebro, Lapuebla de Labarca, El Romeral
ES-291RF

Rio Ebro, Miravet, isla de Miravet
ES-315RF

Rio Ebro, Pastriz, Reserva Natural de los Galachos
ES-304RF

Rio Ebro, Santa Gadea del Cid, Puentelarrá
ES-287RF

Rio Ebro, Sástago, Monaterio de Rueda
ES-321RF

Rio Ebro, Sástago, Soto de Menuza
ES-309RF

Rio Ebro, Sástago, Soto de Motler
ES-308RF

Rio Ebro, Sobrón
ES-335RF

Habitats of Interest
91E0  Residual alluvial forests (Alnion)

Habitats of Interest
92D0  Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian
Río Ebro, Traspaderne
ES-329RF

Habitats of Interest
91E0 Residual alluvial forests (Alnion)

Río Ebro, Tudela, Soto de Traslapuente
ES-311RF

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

Río Ebrón
ES-94

Habitats of Interest
91E0 Residual alluvial forests (Alnion)

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, Fonteo
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-Mendreiras
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)

Río Ferreira, Mafey-Santa Eugenia
ES-578

Habitats of Interest
91E0 Residual alluvial forests (Alnion)
| SPAIN |
|------------------|------------------|
| **Río Frejulfe, Navia** | **Habitats of Interest** |
| ES-355 | 91E0 | Residual alluvial forests (Alnion) |
| **Río Fresnedelo, Bárcena de la Abadía** | **Habitats of Interest** |
| ES-001RF | 92D0 | Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian |
| **Río Frio, La Puebla de Don Rodrigo** | **Habitats of Interest** |
| ES-442 | 92D0 | Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian |
| **Río Furelos and arroyo Salgueira** | **Habitats of Interest** |
| ES-581 | 91E0 | Residual alluvial forests (Alnion) |
| **Río Gato, Obejo** | **Habitats of Interest** |
| ES-176RF | 92D0 | Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian |
| **Río Genil, Palma del Río** | **Habitats of Interest** |
| ES-127RF | 92D0 | Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian |
| **Río Ges** | **Habitats of Interest** |
| ES162 | 3290 | Intermittently flowing Mediterranean rivers |
| **Río Gévalo, Robledo del Mazo** | **Habitats of Interest** |
| ES-439 | 92D0 | Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian |
| **Río Grande de Xubia, Pereiro** | **Habitats of Interest** |
| ES-556 | 91E0 | Residual alluvial forests (Alnion) |
| **Río Grande, La Carolina** | **Habitats of Interest** |
| ES-647 | 91E0 | Residual alluvial forests (Alnion) |
| **Río Guadahortuna, Alamedilla** | **Habitats of Interest** |
| ES-673 | 92D0 | Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian |
| **Río Guadajoz, Castro del Río** | **Habitats of Interest** |
| ES-467 | 92D0 | Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian |
| **Río Guadalbarbo, Pozoblanco** | **Habitats of Interest** |
| ES-179RF | 91E0 | Residual alluvial forests (Alnion) |
| **Río Guadalefría, Castuera** | **Habitats of Interest** |
| ES-426 | 92D0 | Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian |
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 Guadalvacarejo, 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)
92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

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 Guadiamar
ES-LI54 Species of interest
1362 Lynx pardina

172
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

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

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

Rio Irati, Garralda
ES-325RF

Habitats of Interest
91E0  Residual alluvial forests (Alnion)

Rio Iregua
ESMM19  Species of interest
1355  Lutra lutra

Habitats of Interest
91E0  Residual alluvial forests (Alnion)

Rio Iso and arroyo Foneo
ES-584

Habitats of Interest
91E0  Residual alluvial forests (Alnion)

Rio Jallas, Downstream Castrelo dam
ES-586

Habitats of Interest
91E0  Residual alluvial forests (Alnion)

Rio Jalón (Xaló) Murla, Alcalí
ES-297RF

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

Rio Jandulilla, Bélmez de la Moraleja
ES-667

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

Rio Jarama and end of río Manzanares
ES-394

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

Rio Jarama, Tamajón
ES-396

Habitats of Interest
91E0  Residual alluvial forests (Alnion)

Rio Landro, Viveiro
ES-545

Habitats of Interest
91E0  Residual alluvial forests (Alnion)

Rio Latsa, Yanci, San juan Xar
ES-337RF

Habitats of Interest
91E0  Residual alluvial forests (Alnion)

Rio Leira
ES-608

Habitats of Interest
91E0  Residual alluvial forests (Alnion)

Rio Leizarán, Elduayen-Berastegui, Machimbarrena-basoa
ES-270RF

Habitats of Interest
91E0  Residual alluvial forests (Alnion)

Rio Lengüelle
ES-587

Habitats of Interest
91E0  Residual alluvial forests (Alnion)

Rio Lengüelle, Ordes
ES-560

Habitats of Interest
91E0  Residual alluvial forests (Alnion)

Rio Lentejí, Lentejí
ES-681

Habitats of Interest
92D0  Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian
SPAIN

Río Lérez and arroyo de Alfonsoín
ES-632

Habitats of Interest
91E0 Residual alluvial forests (Alnion)

Río Lérez, 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
91E0 Residual alluvial forests (Alnion)

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 Matachel, 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 afluents
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)
**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*
91E0 Residual alluvial forests (Alnion)

**Río Mula**
ES175
*Habitats of Interest*
92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

**Río Nacimiento, Alboloduy**
ES-518
*Habitats of Interest*
3290 Intermittently flowing Mediterranean rivers

**Río Nalón, La Noval**
ES-704
*Habitats of Interest*
92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

**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*
Río Onza and Arroyo Villahorquilla, Alanís
ES-165RF

Río Orduña, Amurrio, Tertanga
ES-272RF

Río Oro, San Salvador de Valledor
ES-340RF

Río Ortavén, upstream Eiras dam
ES-629

Río Palancia
ES170

Río Pambre, Moredo-Fermil
ES-579

Río Pequeño (including the headwaters system), Ribadeo
ES-552

Río Perales
ES-406

Río Piscarino
ES-618

Río Pliego
ES184

Río Porcia, Santa Colomba
ES-357

Río Portume, Munguía, Portumalde
ES-278RF

Río Pradillo, Fuencaliente
ES-199RF

Río Puebla
ES-393

Río Purón, Purón
ES-005RF

Río Quer, Cava
ES-067RF

Habitats of Interest

91E0 Residual alluvial forests (Alnion)

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

91E0 Residual alluvial forests (Alnion)

91E0 Residual alluvial forests (Alnion)

91E0 Residual alluvial forests (Alnion)

3290 Intermittently flowing Mediterranean rivers

91E0 Residual alluvial forests (Alnion)

91E0 Residual alluvial forests (Alnion)

91E0 Residual alluvial forests (Alnion)

91E0 Residual alluvial forests (Alnion)

91E0 Residual alluvial forests (Alnion)

3290 Intermittently flowing Mediterranean rivers

91E0 Residual alluvial forests (Alnion)

91E0 Residual alluvial forests (Alnion)

91E0 Residual alluvial forests (Alnion)
SPAIN

Río Quiroga, arroyo Ferreiríño and arroyo de Pacios
ES-603

Río Retortillo, Las Navas de la Concepción
ES-155RF

Río Riaza, Roa
ES-246RF

Río Ribadil
ES-636

Río Ridaurya, Llagostera
ES-095RF

Río Rídolaina, Montellá
ES-071RF

Río Rigar, Campelles
ES-063RF

Río Robledillo and Gargantas, Solana del Pino
ES-202RF

Río Rodil and Eo's oriental headwaters tributaries
ES-570

Río Ruecas, Cañamero
ES-019RF

Río Rúmblar y Jándula
ESMT10 Species of interest
1355 Lutra lutra

Río Rumblar, Bailén
ES647

Río Saá and arroyo Lebrón, Pobra de Brollón
ES-599

Río San Gil and arroyo Morteras
ES-615

Río Sant Martí, Baruerà
ES-089RF

91E0 Residual alluvial forests (Alnion)

Habitats of Interest

91E0 Residual alluvial forests (Alnion)

Habitats of Interest

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

Habitats of Interest

91E0 Residual alluvial forests (Alnion)

Habitats of Interest

91E0 Residual alluvial forests (Alnion)

Habitats of Interest

91E0 Residual alluvial forests (Alnion)

Habitats of Interest

91E0 Residual alluvial forests (Alnion)

Habitats of Interest

91E0 Residual alluvial forests (Alnion)

Habitats of Interest

91E0 Residual alluvial forests (Alnion)

Habitats of Interest

91E0 Residual alluvial forests (Alnion)

Habitats of Interest

91E0 Residual alluvial forests (Alnion)

Habitats of Interest

91E0 Residual alluvial forests (Alnion)

Habitats of Interest

91E0 Residual alluvial forests (Alnion)

Habitats of Interest

91E0 Residual alluvial forests (Alnion)
<table>
<thead>
<tr>
<th>Location</th>
<th>Species of interest</th>
</tr>
</thead>
<tbody>
<tr>
<td>Río Santa Engracia, Arrazua-Ubarrundi-Vitoria, Luco</td>
<td></td>
</tr>
<tr>
<td>Río Santa Eulalia, Santa Eulalia del Río</td>
<td></td>
</tr>
<tr>
<td>Río Sarria, Sarria</td>
<td></td>
</tr>
<tr>
<td>Río Sarria, Triacastela</td>
<td></td>
</tr>
<tr>
<td>Río Segre, Montellá, Bellver de Cerdanya, Prullans,</td>
<td></td>
</tr>
<tr>
<td>Río Segre, Puigcerda, Isovol, Ger</td>
<td></td>
</tr>
<tr>
<td>Río Segre, Serós, Granja de Escarpe</td>
<td></td>
</tr>
<tr>
<td>Río Segura, Calasparra</td>
<td></td>
</tr>
<tr>
<td>Río Segura, Cañaverosa</td>
<td></td>
</tr>
<tr>
<td>Río Segura, Elche de la Sierra</td>
<td></td>
</tr>
<tr>
<td>Río Sella</td>
<td>Species of interest</td>
</tr>
<tr>
<td>ESAT2</td>
<td>1355 Lutra lutra</td>
</tr>
<tr>
<td>Rio Selmo, headwaters</td>
<td></td>
</tr>
<tr>
<td>Rio Sil, Toreno</td>
<td></td>
</tr>
<tr>
<td>Río Soldón and arroyo de Baneiros</td>
<td></td>
</tr>
<tr>
<td>Río Sorbe</td>
<td></td>
</tr>
</tbody>
</table>

**Habitats of Interest**

- Residual alluvial forests (Alnion)
- Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian
RIÓ TAJO, ALTO TAJO
ES411

RIÓ TAMBRE, BARCIA
ES-588

RIÓ TAMBRE, FOLGOSO
ES-583

RIÓ TAMBRE, O POUSO
ES-351

RIÓ TAMBRE, SAN XUAN
ES-352

RIÓ TAMUJA, PLEZENZUELA
ES-431

RIÓ TEA, HEADWATERS TILL MONDARIZ
ES-628

RIÓ TERA, VALPARAÍSO-CAMARZANA
ES-368

RIÓ TIÉTAR, SOUTH GREDO
ES-215RF

RIÓ TINES, OUTES
ES-585

RIÓ TIRÓN
ESMM17 Species of interest
1355 Lutra lutra

RIÓ TIRÓN, EZQUERRA
ES-330RF

RIÓ TOBA, GUÁJAR ALTO
ES-683

RIÓ TORDERA, MONTSENY
ES-047RF

RIÓ TORDERA, TORDERA
ES-049RF

HABITATS OF INTEREST
91E0 Residual alluvial forests (Alnion)

HABITATS OF INTEREST
91E0 Residual alluvial forests (Alnion)

HABITATS OF INTEREST
91E0 Residual alluvial forests (Alnion)

HABITATS OF INTEREST
91E0 Residual alluvial forests (Alnion)

HABITATS OF INTEREST
91E0 Residual alluvial forests (Alnion)

HABITATS OF INTEREST
91E0 Residual alluvial forests (Alnion)

HABITATS OF INTEREST
91E0 Residual alluvial forests (Alnion)

HABITATS OF INTEREST
91E0 Residual alluvial forests (Alnion)

HABITATS OF INTEREST
91E0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

HABITATS OF INTEREST
91E0 Residual alluvial forests (Alnion)

HABITATS OF INTEREST
91E0 Residual alluvial forests (Alnion)

HABITATS OF INTEREST
91E0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

HABITATS OF INTEREST
91E0 Residual alluvial forests (Alnion)

HABITATS OF INTEREST
91E0 Residual alluvial forests (Alnion)

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

HABITATS OF INTEREST
91E0 Residual alluvial forests (Alnion)

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

HABITATS OF INTEREST
91E0 Residual alluvial forests (Alnion)

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

HABITATS OF INTEREST
91E0 Residual alluvial forests (Alnion)
SPAIN

Río Torio, headwaters
ES-528

91E0 Residual alluvial forests (Alnion)

Habitats of Interest

Río Tormes headwaters
ES-213RF

91E0 Residual alluvial forests (Alnion)

Habitats of Interest

Río Tormes, Galisancho-Huerta
ES-372

91E0 Residual alluvial forests (Alnion)

Habitats of Interest

Río Tormes, puente del Congosto
ES-371

91E0 Residual alluvial forests (Alnion)

Habitats of Interest

Río Torrox
ES-676

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

Habitats of Interest

Río Tort, Camprodon, Molló
ES-051RF

91E0 Residual alluvial forests (Alnion)

Habitats of Interest

Río Toya, Quesada
ES-665

91E0 Residual alluvial forests (Alnion)

Habitats of Interest

Río Trabada, Trabada
ES-549

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

Habitats of Interest

Río Tuela
ES-369

91E0 Residual alluvial forests (Alnion)

Habitats of Interest

Río Turbón
ES113

91E0 Residual alluvial forests (Alnion)

Habitats of Interest

Río Turia, Taramundi
ES-348RF

9180 Tilio-Acerion ravine forests

Habitats of Interest

Río Ulla, downstream Portodemouros dam
ES-589

91E0 Residual alluvial forests (Alnion)

Habitats of Interest

Río Ulzama
ES-537

91E0 Residual alluvial forests (Alnion)

Habitats of Interest

Río Umia
ES-593

91E0 Residual alluvial forests (Alnion)

Habitats of Interest

Río Urriate, Baztán
ES-038RF

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

Habitats of Interest
Río Uromea, Goizuela, 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
<table>
<thead>
<tr>
<th>Location</th>
<th>Species of interest</th>
<th>Habitats of Interest</th>
</tr>
</thead>
<tbody>
<tr>
<td>Río Zadorra, Arrazua-Ubarrundi,</td>
<td>ESMT15</td>
<td>Lutra lutra</td>
</tr>
<tr>
<td>Mendivil</td>
<td>183</td>
<td>1355 Lutra lutra</td>
</tr>
<tr>
<td>Río Zapatón, Azagala</td>
<td>ES-284RF</td>
<td>Residual alluvial forests (Alnion)</td>
</tr>
<tr>
<td>Río Zújar and Arroyo Tolote, Los</td>
<td>ES-183RF</td>
<td>Residual alluvial forests (Alnion)</td>
</tr>
<tr>
<td>Blázquez</td>
<td>92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian</td>
<td></td>
</tr>
<tr>
<td>Riofrío</td>
<td>ES193</td>
<td>Residual alluvial forests (Alnion)</td>
</tr>
<tr>
<td>Ríos Águeda and Turones</td>
<td>ES-220RF</td>
<td>Residual alluvial forests (Alnion)</td>
</tr>
<tr>
<td>Ríos Agüeira and Cabalos</td>
<td>ES-342RF</td>
<td>Residual alluvial forests (Alnion)</td>
</tr>
<tr>
<td>Ríos Asneiro and Balsada</td>
<td>ES-359</td>
<td>Residual alluvial forests (Alnion)</td>
</tr>
<tr>
<td>Ríos Avia and Arenteiro (down</td>
<td>ES-626</td>
<td>Residual alluvial forests (Alnion)</td>
</tr>
<tr>
<td>sections)</td>
<td>91E0 Residual alluvial forests (Alnion)</td>
<td></td>
</tr>
<tr>
<td>Ríos Bajoy and Vilariño, Armada</td>
<td>ES-557</td>
<td>Residual alluvial forests (Alnion)</td>
</tr>
<tr>
<td>Ríos Bajoy and Vilariño, Armada</td>
<td>ES-557</td>
<td>Residual alluvial forests (Alnion)</td>
</tr>
<tr>
<td>Ríos Bernesga y Torío</td>
<td>ESMM16</td>
<td>Residual alluvial forests (Alnion)</td>
</tr>
<tr>
<td>Ríos Bibeí and Xares</td>
<td>ES-616</td>
<td>Residual alluvial forests (Alnion)</td>
</tr>
<tr>
<td>Ríos Cabe (down course) and Cinsa</td>
<td>ES-612</td>
<td>Residual alluvial forests (Alnion)</td>
</tr>
<tr>
<td>Ríos Cadagua and Ordunte, Valle</td>
<td>ES-326RF</td>
<td>Residual alluvial forests (Alnion)</td>
</tr>
<tr>
<td>de Mena</td>
<td>91E0 Residual alluvial forests (Alnion)</td>
<td></td>
</tr>
<tr>
<td>Ríos Calvelo, Carral and Rosende</td>
<td>ES-559</td>
<td>Residual alluvial forests (Alnion)</td>
</tr>
<tr>
<td>Ríos Casoio (headwaters) and</td>
<td>ES-617</td>
<td>Residual alluvial forests (Alnion)</td>
</tr>
<tr>
<td>Ricosende</td>
<td>91E0 Residual alluvial forests (Alnion)</td>
<td></td>
</tr>
</tbody>
</table>
Ríos Chicamo, Canelas, Agudo, and Cutillas
ES-454

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

Ríos Ega y Uredera
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

Ríos Huebra and Yeltes
ES-370

Ríos Irati y Urrobi
ESMM20 Species of interest
1355 Lutra lutra

Ríos Lamas, Ranside and Suarna, Lamas de Moreiras
ES-344RF

Ríos Lavandeira and Parga, Castro Trasmonte-Pobra de Parga
ES-562

Ríos Mao and Cabe, Monforte de Lemos
ES-598

Ríos Marañao, Meirelas and Arenteiro
ES-622

Ríos Matarraña y Algars
ESMT4 Species of interest
1355 Lutra lutra

Ríos Návea (downstream of Chandrexia de Queixa dam) and del Rabal
ES-619

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

Habitats of Interest
91E0 Residual alluvial forests (Alnion)

Habitats of Interest
91E0 Residual alluvial forests (Alnion)

Habitats of Interest
91E0 Residual alluvial forests (Alnion)

Habitats of Interest
91E0 Residual alluvial forests (Alnion)

Habitats of Interest
91E0 Residual alluvial forests (Alnion)

Habitats of Interest
91E0 Residual alluvial forests (Alnion)

Habitats of Interest
91E0 Residual alluvial forests (Alnion)
<table>
<thead>
<tr>
<th>Location</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ríos Navia and de Rao, Envernallas</td>
<td>ES-571</td>
</tr>
<tr>
<td>Ríos Omañas, Negro and Soto</td>
<td>ES-385</td>
</tr>
<tr>
<td>Ríos Ponce y Quipar</td>
<td>ES173</td>
</tr>
<tr>
<td>Ríos Salado, Barbate y Almodovar</td>
<td>ESMT3 Species of interest 1355 Lutra lutra</td>
</tr>
<tr>
<td>Ríos Segre-Noguera Ribargorçana, Albesa</td>
<td>ES-056RF</td>
</tr>
<tr>
<td>Ríos Segre-Noguera Ribargorçana, Vila Nova de la Barca</td>
<td>ES-057RF</td>
</tr>
<tr>
<td>Ríos Solana and Llorín, sierra de Adrada</td>
<td>ES-356</td>
</tr>
<tr>
<td>Ríos Sor and Xantos, Sierra de Faladoira</td>
<td>ES-547</td>
</tr>
<tr>
<td>Ríos Támega and Trez</td>
<td>ES-643</td>
</tr>
<tr>
<td>Ríos Ulla, Pambre and Furelos</td>
<td>ES-582</td>
</tr>
<tr>
<td>Ríos Xares and Requeixo, and arroyo Matabois</td>
<td>ES-614</td>
</tr>
<tr>
<td>Ríos y humedales del litoral occidental de Málaga</td>
<td>ES-LM2 Species of interest 1355 Lutra lutra</td>
</tr>
<tr>
<td>Rivera de Chaza and Arroyo Arochete, Aroche</td>
<td>ES-498</td>
</tr>
<tr>
<td>Rivera de Hierro, Higuera de la Sierra</td>
<td>ES-491</td>
</tr>
<tr>
<td>Rivera de Huelva and Arroyo del Bes</td>
<td>ES-490</td>
</tr>
</tbody>
</table>

**Habitats of Interest**

- 91E0 Residual alluvial forests (Alnion)
- 91E0 Residual alluvial forests (Alnion)
- 91E0 Residual alluvial forests (Alnion)
- 3290 Intermittently flowing Mediterranean rivers
- 91E0 Residual alluvial forests (Alnion)
- 91E0 Residual alluvial forests (Alnion)
- 91E0 Residual alluvial forests (Alnion)
- 91E0 Residual alluvial forests (Alnion)
- 91E0 Residual alluvial forests (Alnion)
- 91E0 Residual alluvial forests (Alnion)
- 91E0 Residual alluvial forests (Alnion)
- 92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian
- 91E0 Residual alluvial forests (Alnion)
- 92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian
- 92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian
Rivera de Huelva, Cortelazor
ES-494

Rivera de Múrtiga, La Nava
ES-497

Rivera Hinojales, Sierra de las Corujas
ES-493

Rivera Montemayor and Barranco Valle del Gato, Cañaveral de León
ES-492

Rivers of Malaga and Cadiz
ES-MT2

 Species of interest
1355  Lutra lutra

Roca del Vallés, Can Cuquet
ES-114RF

Roca del Valles, Castillo de la Roca
ES-113RF

Rosal de la Frontera
ES-L14

 Species of interest
1362  Lynx pardina

Rosas, Joncols
ES-094RF

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

Sallent de Gállego
ES3

 Species of interest
1902  Cypripedium calceolus

Saloria-Civis
ES83

San Antolín
ES152

Habitats of Interest
91E0  Residual alluvial forests (Alnion)

Habitats of Interest
91E0  Residual alluvial forests (Alnion)

Habitats of Interest
91E0  Residual alluvial forests (Alnion)

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

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

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

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

Habitats of Interest
9430  Pinus uncinata forests (*on gypsum or limestone)

Habitats of Interest
4040  Dry coastal heaths with Erica vagans and Ulex
San Benito
ES-LI21 Species of interest
1362 Lynx pardina

San Juan de Plan
ES14

San Pedro
ES-LI48 Species of interest
1362 Lynx pardina

San Vicente de la Barquera
ES153

Sanabria y corredores
ES-LL2 Species of interest
1355 Lutra lutra

Sant Andreu de Llaneres, Oliver d’en Cabot
ES-107RF

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

Segura-Mundo rivers
ES-MT1 Species of interest
1355 Lutra lutra

Seixo-Landol headwaters, Ortigueira
ES-542

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
9180 Tilio-Acerion ravine forests

Habitats of Interest
4040 Dry coastal heaths with Erica vagans and Ulex

Habitats of Interest
91E0 Residual alluvial forests (Alnion)

Habitats of Interest
9180 Tilio-Acerion ravine forests

Habitats of Interest
91E0 Residual alluvial forests (Alnion)
Serra Cavallera
ES84

Serra de Caderetes, Tossa
ES-091RF

Serra de Llaberia
ES-184Fst

Serra de Llaberia
ES112

Serra Grossa-Atalayasa
ES-24Fst

Mesogeaneleucodermis

Sierra Arana
ES-LI31 Species of interest
1362 Lynx pardina

Sierra Bermeja-Sierra de Las Nieves
ES-73

Mesogeaneleucodermis

Sierra Cardeña y Montoro
ES-61 Species of interest
1362 Lynx pardina

Sierra Cebollera-Castillo de Vinuesa
ES88

Sierra de Albarracin-Montes Universales
ES-120Fst

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
9430 Pinus uncinata forests (*on gypsum or limestone)

Habitats of Interest
91E0 Residual alluvial forests (Alnion)

Habitats of Interest
9180 Tilio-Acerion ravine forests

Habitats of Interest
9180 Tilio-Acerion ravine forests

Habitats of Interest
9540 Mediterranean pine forests with endemic Mesogean pines, including Pinus mugo and Pinus

Habitats of Interest
9540 Mediterranean pine forests with endemic Mesogean pines, including Pinus mugo and Pinus

Habitats of Interest
9560 Endemic Mediterranean forests with Juniperus spp.

Habitats of Interest
9560 Endemic Mediterranean forests with Juniperus spp.
Sierra de Cardeña 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

Sierra de Las Gavarras
ES61  Species of interest
1065  Euphydryas aurinia

Sierra de los Cuellos de Lenito
ES-182Fst

Sierra de Mira
ES-74  Mesogeanc
leucodermis

Sierra de Molina, Monte Universales
ES75  Species of interest
1065  Euphydryas aurinia

Sierra de San Andrés
ES-96

Sierra de Urbión
ES76  Species of interest
1065  Euphydryas aurinia

Sierra del Castañar
ES-LI35  Species of interest
1362  Lynx pardina

Sierra Májana
ES-LI29  Species of interest
1362  Lynx pardina

Sierra Majaña (Rocidalgo)
ES-95

Sierra Norte
ES-LI55  Species of interest
1362  Lynx pardina

**Habitats of Interest**

Endemic Mediterranean forests with Juniperus spp.

Tilio-Acerion ravine forests

Mediterranean pine forests with endemic pines, including Pinus mugo and Pinus

Tilio-Acerion ravine forests
Sierras de Manteca y Begega
ES-Oso5  Species of interest
1354  Ursus arctos

Sierras de Portiello, Picardiello y Galardón
ES72  Species of interest
1065  Euphydryas aurinia

Sierras de Tejera y La Almijara
ES-72
Mesogeae
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
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
92D0 Thermo-Mediterranean riparian galleries (Nerio-Tamariceteae) and south-west Iberian

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

Torrecuadros
ES-L112 Species of interest
1362 Lynx pardina

Habitats of Interest
9560 Endemic Mediterranean forests with Juniperus spp.

Torremocha de Jadráque
ES64 Species of interest
1065 Euphydryas aurinia

Habitats of Interest
3290 Intermittently flowing Mediterranean rivers

Torrent D'Aiguafina
ES190

Habitats of Interest
91E0 Residual alluvial forests (Alnion)

Torrent de Casa Nova, Vallgorgina
ES-118RF

Habitats of Interest
91E0 Residual alluvial forests (Alnion)

Torrent de Confort, Ger
ES-073RF

Habitats of Interest
92D0 Thermo-Mediterranean riparian galleries

Torrent de Pareis, Escorca
ES-459
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 Argolell, 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 officianalis)

**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
V, Laguna 1 de Sinarcas, Sinarcas (30SXK5102)  
ES-291  

V, Laguna 2 de Sinarcas, Sinarcas (30SXK5103)  
ES-292  

Val d´Arán y Barrassés  
ES-Oso16  
Species of interest  
1354 Ursus arctos  

Val de Forcos  
ES17  

Val Ferrera  
ES85  

VALDEAZOGUES. Brazatortas-Embalse de Entredicho  
ES-500cf  
Species of interest  
1133 Anaecypris hispanica  

Valdehornos  
ES-LI36  
Species of interest  
1362 Lynx pardina  

Valdelagran  
ES119  

Valdequemada-Hoyo de Pinares  
ES-79  

Mesogean  
leucodermis  

Vall Perera, Mequinenza, Vall Perera  
ES-318RF  

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  

Valle de Pineta  
ES5  
Species of interest  
1902 Cypripedium calceolus  

Habitats of Interest  
3170 Mediterranean temporary ponds  

Habitats of Interest  
3170 Mediterranean temporary ponds  

Habitats of Interest  
9180 Tilio-Acerion ravine forests  

Habitats of Interest  
9430 Pinus uncinata forests (*on gypsum or limestone)  

Habitats of Interest  
2270 Wooded dunes with Pinus pinea and/or Pinus  

Habitats of Interest  
9540 Mediterranean pine forests with endemic pines, including Pinus mugo and Pinus  

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

Habitats of Interest  
6510 Lowland hay meadows (Allopecurus pratensis, Sanguisorba officinalis)
Valle de Tena
ES19

Valle del Ebro (Serreta Negra de Fraga)
ES-31Fst
Mesogeae
leucodermis

Valle del Ebro (Zuera)
ES-30Fst
Mesogeae
leucodermis

Valle del Júcar-Casas de Ves
ES-81
Mesogeae
leucodermis

Valles de Hecho y Ansó
ES-Oso14 Species of interest
1354 Ursus arctos

Viar
ES-L113 Species of interest
1362 Lynx pardina

Vilassar de Mar
ES-112RF

Villalba
ES47 Species of interest
1065 Euphydryas aurinia

Villargordo
ES192

Vilouriz-Oleiros
ES-580

XUDÁN. Todo el río
ES-510cf Species of interest
1106 Salmo salar

Za, Laguna de Valmoro, Santibáñez de Vidriales (30TTM5458)
ES-120

Za, Laguna del Italiano, Melgar de Tera (29TQG4347)
ES-119

Habitats of Interest
9180 Tilio-Acerion ravine forests

Habitats of Interest
9540 Mediterranean pine forests with endemic pines, including Pinus mugo and Pinus leucodermis

Habitats of Interest
9540 Mediterranean pine forests with endemic pines, including Pinus mugo and Pinus leucodermis

Habitats of Interest
9540 Mediterranean pine forests with endemic pines, including Pinus mugo and Pinus leucodermis

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

Habitats of Interest
91E0 Lowland hay meadows (Alopecurus pratensis, Sanguisorba officinalis)

Habitats of Interest
91E0 Residual alluvial forests (Alnion)

Habitats of Interest
3170 Mediterranean temporary ponds

Habitats of Interest
3170 Mediterranean temporary ponds
ZARDÓN. Todo el río

<table>
<thead>
<tr>
<th>Code</th>
<th>Species of interest</th>
<th>Code</th>
<th>Species of interest</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES-518cf</td>
<td>1106  Salmo salar</td>
<td>Zufre</td>
<td>ES-L17  1362  Lynx pardina</td>
</tr>
</tbody>
</table>
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

<table>
<thead>
<tr>
<th>Coverage of Proposed Sites</th>
</tr>
</thead>
<tbody>
<tr>
<td>The number of sites proposed</td>
</tr>
<tr>
<td>Total area covered by sites</td>
</tr>
<tr>
<td>Percentage of country’s territory</td>
</tr>
<tr>
<td>% Land</td>
</tr>
<tr>
<td>% Marine</td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>Biogeographic region</th>
<th>% of Habitats insufficiently represented</th>
<th>% of Species insufficiently represented</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alpine</td>
<td>7%</td>
<td>50%</td>
</tr>
<tr>
<td>Boreal</td>
<td>50%</td>
<td>74%</td>
</tr>
<tr>
<td>Continental</td>
<td>55%</td>
<td>70%</td>
</tr>
</tbody>
</table>

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
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 they 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

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) (*impo

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
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 grassland and scrubland facies on calcareous substrates (Festuco Brometaha) (*impo

Dala Mosse
SE0019
Habitats of Interest
91D0 Bog woodland

Degermossen
SE0020
Habitats of Interest
91D0 Bog woodland

Djupen & Glåpen
SE0021
Habitats of Interest
7110 Active raised bogs

Egby-Kapelludden
SE0022
Habitats of Interest
91E0 Residual alluvial forests (Alnion

Eldsjömyran & Flakamyran
SE0023
Habitats of Interest
6210 Semi-natural dry grassland and scrubland facies on calcareous substrates (Festuco Brometaha) (*impo

Ellösefjorden-Strömmarna
SE0024
Habitats of Interest
91D0 Bog woodland

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)
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) (*impo

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)

Gannarveviken
SE0036 Habitats of Interest
6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (*impo
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

Gnarp diabasberg
SE0043 Habitats of Interest
9180 Tilio-Acerion ravine forests

Grässö
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) (*impo
<table>
<thead>
<tr>
<th>Area Name</th>
<th>Habitats of Interest</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Grevagården-Nohlmarken</strong></td>
<td><strong>Habitats of Interest</strong></td>
</tr>
<tr>
<td>SE0046</td>
<td>9180 Semi-Acerion ravine forests</td>
</tr>
<tr>
<td></td>
<td>6210 Semi-natural grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (*impos)</td>
</tr>
<tr>
<td></td>
<td>6510 Lowland hay meadows (Alopecurus pratensis, Sanguisorba officianalis)</td>
</tr>
<tr>
<td><strong>Görnviksmyran/Junistormyran</strong></td>
<td><strong>Habitats of Interest</strong></td>
</tr>
<tr>
<td>SE0049</td>
<td>7110 Active raised bogs</td>
</tr>
<tr>
<td><strong>Grossmossekomplexet</strong></td>
<td><strong>Habitats of Interest</strong></td>
</tr>
<tr>
<td>SE0050</td>
<td>6210 Semi-natural grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (*impos)</td>
</tr>
<tr>
<td><strong>Grunuflot</strong></td>
<td><strong>Habitats of Interest</strong></td>
</tr>
<tr>
<td>SE0051</td>
<td>7110 Active raised bogs</td>
</tr>
<tr>
<td><strong>Gustafsravinerna</strong></td>
<td><strong>Habitats of Interest</strong></td>
</tr>
<tr>
<td>SE0052</td>
<td>91E0 Residual alluvial forests (Alnion)</td>
</tr>
<tr>
<td><strong>Håkansbodaberget</strong></td>
<td><strong>Habitats of Interest</strong></td>
</tr>
<tr>
<td>SE0053</td>
<td>91D0 Bog woodland</td>
</tr>
<tr>
<td><strong>Hallerumsvisken-Torhamns skärgård</strong></td>
<td><strong>Habitats of Interest</strong></td>
</tr>
<tr>
<td>SE0054</td>
<td>6510 Lowland hay meadows (Alopecurus pratensis, Sanguisorba officianalis)</td>
</tr>
<tr>
<td><strong>Hållsviken</strong></td>
<td><strong>Habitats of Interest</strong></td>
</tr>
<tr>
<td>SE0055</td>
<td>1160 Large shallow inlets and bays</td>
</tr>
<tr>
<td><strong>Haparanda Yttre Skärgård</strong></td>
<td><strong>Habitats of Interest</strong></td>
</tr>
<tr>
<td>SE0056</td>
<td>1160 Large shallow inlets and bays</td>
</tr>
<tr>
<td><strong>Hassel</strong></td>
<td><strong>Habitats of Interest</strong></td>
</tr>
<tr>
<td>SE0057</td>
<td>6520 Mountain hay meadows (British types with Geranium sylvaticum)</td>
</tr>
<tr>
<td><strong>Havregårdet &amp; Dundermossen</strong></td>
<td><strong>Habitats of Interest</strong></td>
</tr>
<tr>
<td>SE0058</td>
<td>91D0 Bog woodland</td>
</tr>
<tr>
<td><strong>Hjärtlandakärret</strong></td>
<td><strong>Habitats of Interest</strong></td>
</tr>
<tr>
<td>SE0059</td>
<td>7110 Active raised bogs</td>
</tr>
<tr>
<td><strong>Hosjön, Giningen, Kärven, Testen</strong></td>
<td><strong>Habitats of Interest</strong></td>
</tr>
<tr>
<td>SE0060</td>
<td>6510 Lowland hay meadows (Alopecurus pratensis, Sanguisorba officianalis)</td>
</tr>
<tr>
<td><strong>Hovranområdet</strong></td>
<td><strong>Habitats of Interest</strong></td>
</tr>
<tr>
<td>SE0061</td>
<td>91E0 Residual alluvial forests (Alnion)</td>
</tr>
</tbody>
</table>
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) (*impo

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) (*impo

Iglamossen
SE0067
Habitats of Interest
6210  Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (*impo

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

Kopparåsmyren
SE0077
Habitats of Interest
91E0  Residual alluvial forests (Alnion
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) (*impo

Kryplingsmossen
SE0080

Kullflyten
SE0081

Kungshögarna, Tunåsen
SE0082

Habitats of Interest
7110 Active raised bogs

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

Leaby
SE0089

Lillhärrjäbygget
SE0091

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)

Linderödsåsen med omgivn
SE0092

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

Lindön - Björnön
SE0093

Habitats of Interest
1160 Large shallow inlets and bays
<table>
<thead>
<tr>
<th>Location</th>
<th>Habitats of Interest</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ljungsjömyren</td>
<td>7110 Active raised bogs</td>
</tr>
<tr>
<td>Lommabukten-Salviken</td>
<td>1160 Large shallow inlets and bays</td>
</tr>
<tr>
<td>Lommagölsmyren</td>
<td>7110 Active raised bogs</td>
</tr>
<tr>
<td>Lomsmuren</td>
<td>91D0 Bog woodland</td>
</tr>
<tr>
<td>Loungaslompolo</td>
<td>6520 Mountain hay meadows (British types with Geranium sylvaticum)</td>
</tr>
<tr>
<td>Ludvigsmyran</td>
<td>7110 Active raised bogs</td>
</tr>
<tr>
<td>Lundåkrabukten</td>
<td>1160 Large shallow inlets and bays</td>
</tr>
<tr>
<td>Misteln-Dunkern</td>
<td>6510 Lowland hay meadows (Alopecurus pratensis, Sanguisorba officinalis)</td>
</tr>
<tr>
<td>Möckelnområdet</td>
<td>6510 Lowland hay meadows (Alopecurus pratensis, Sanguisorba officinalis)</td>
</tr>
<tr>
<td>Möcklemarksskogen</td>
<td>91E0 Residual alluvial forests (Alnion)</td>
</tr>
<tr>
<td>Mörkô-Tullgarn</td>
<td>1160 Large shallow inlets and bays</td>
</tr>
<tr>
<td>Myr O Galsjön</td>
<td>7110 Active raised bogs</td>
</tr>
<tr>
<td>Myrhulta Mosse</td>
<td>7110 Active raised bogs</td>
</tr>
<tr>
<td>Nordmarksmossarna</td>
<td>91D0 Bog woodland</td>
</tr>
</tbody>
</table>
Norre Fälad
SE0111 Habitats of Interest
6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (*impo
Norre Mosse
SE0112 Habitats of Interest
6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (*impo
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 officianalis)
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 Habitats of Interest
7110 Active raised bogs
Riksmossen
SE0122 Habitats of Interest
7110 Active raised bogs
Ringenäs
SE0123 Habitats of Interest
6510 Lowland hay meadows (Alopecurus pratensis, Sanguisorba officianalis)
Rinnamossen
SE0124 Habitats of Interest
Risseböcken
SE0125 Habitats of Interest
91D0 Bog woodland
Röjtjärnsmyr-Spångmyran
SE0126 Habitats of Interest
91D0 Bog woodland
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 Mårbyssjön
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)

Samnäsfjärden
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) (*impo

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) (*impo
### UK

**Skräbeåns avrinningsområde**

**SE0142**

<table>
<thead>
<tr>
<th>Habitats of Interest</th>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>91D0</td>
<td>Bog woodland</td>
<td></td>
</tr>
<tr>
<td>6510</td>
<td>Lowland hay meadows (Alopecurus pratensis, Sanguisorba officianalis)</td>
<td></td>
</tr>
<tr>
<td>1160</td>
<td>Large shallow inlets and bays</td>
<td></td>
</tr>
</tbody>
</table>

**Slissån**

**SE0145**

<table>
<thead>
<tr>
<th>Habitats of Interest</th>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1160</td>
<td>Large shallow inlets and bays</td>
<td></td>
</tr>
</tbody>
</table>

**Södviken**

**SE0146**

<table>
<thead>
<tr>
<th>Habitats of Interest</th>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>91D0</td>
<td>Bog woodland</td>
<td></td>
</tr>
</tbody>
</table>

**Sommen-Bulsjöån-V o Ö Lägern**

**SE0147**

<table>
<thead>
<tr>
<th>Habitats of Interest</th>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>91D0</td>
<td>Bog woodland</td>
<td></td>
</tr>
</tbody>
</table>

**Sörvattnet med Sörva. Hemvallarna**

**SE0148**

<table>
<thead>
<tr>
<th>Habitats of Interest</th>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>6520</td>
<td>Mountain hay meadows (British types with Geranium sylvaticum)</td>
<td></td>
</tr>
</tbody>
</table>

**Stackstadsmossen**

**SE0149**

<table>
<thead>
<tr>
<th>Habitats of Interest</th>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>7110</td>
<td>Active raised bogs</td>
<td></td>
</tr>
</tbody>
</table>

**Stensjön**

**SE0150**

<table>
<thead>
<tr>
<th>Habitats of Interest</th>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>91D0</td>
<td>Bog woodland</td>
<td></td>
</tr>
</tbody>
</table>

**Stensmyr och Vejshultamyran**

**SE0152**

<table>
<thead>
<tr>
<th>Habitats of Interest</th>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>7110</td>
<td>Active raised bogs</td>
<td></td>
</tr>
</tbody>
</table>

**Stjärnorpsravininen**

**SE0153**

<table>
<thead>
<tr>
<th>Habitats of Interest</th>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>9180</td>
<td>Tilio-Acerion ravine forests</td>
<td></td>
</tr>
</tbody>
</table>

**Storanden**

**SE0154**

<table>
<thead>
<tr>
<th>Habitats of Interest</th>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>91D0</td>
<td>Bog woodland</td>
<td></td>
</tr>
</tbody>
</table>

**Storflon**

**SE0155**

<table>
<thead>
<tr>
<th>Habitats of Interest</th>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>7110</td>
<td>Active raised bogs</td>
<td></td>
</tr>
</tbody>
</table>

**Stormossen i Mickelsrud**

**SE0156**

<table>
<thead>
<tr>
<th>Habitats of Interest</th>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>7110</td>
<td>Active raised bogs</td>
<td></td>
</tr>
</tbody>
</table>

**Stormossen, Gryssjemossen, Drängmossen**

**SE0157**

<table>
<thead>
<tr>
<th>Habitats of Interest</th>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>91D0</td>
<td>Bog woodland</td>
<td></td>
</tr>
</tbody>
</table>

**Stormyran i Njurunda**

**SE0159**

<table>
<thead>
<tr>
<th>Habitats of Interest</th>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>7110</td>
<td>Active raised bogs</td>
<td></td>
</tr>
</tbody>
</table>

**Stormyran och Grannänsens myrar**

**SE0160**

<table>
<thead>
<tr>
<th>Habitats of Interest</th>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>91D0</td>
<td>Bog woodland</td>
<td></td>
</tr>
<tr>
<td>Location</td>
<td>Habitats of Interest</td>
<td></td>
</tr>
<tr>
<td>------------------------</td>
<td>---------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>Storön</td>
<td>Habits of Interest 9180 Tilio-Acerion ravine forests</td>
<td></td>
</tr>
<tr>
<td>Svansvik kile</td>
<td>Habits of Interest 1160 Large shallow inlets and bays</td>
<td></td>
</tr>
<tr>
<td>Sydkusten</td>
<td>Habits of Interest 6510 Lowland hay meadows (Alopecurus pratensis, Sanguisorba officinalis)</td>
<td></td>
</tr>
<tr>
<td>Sydöstra Näsudden</td>
<td>Habits of Interest 1160 Large shallow inlets and bays</td>
<td></td>
</tr>
<tr>
<td>Tistersöarna</td>
<td>Habits of Interest 6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (*impo</td>
<td></td>
</tr>
<tr>
<td>Torsmyran</td>
<td>Habits of Interest 1160 Large shallow inlets and bays</td>
<td></td>
</tr>
<tr>
<td>Tostebergakusten</td>
<td>Habits of Interest 1160 Large shallow inlets and bays</td>
<td></td>
</tr>
<tr>
<td>Tostebergakusten</td>
<td>Habits of Interest 6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (*impo</td>
<td></td>
</tr>
<tr>
<td>Trolle Ljungby Mosse</td>
<td>Habits of Interest 6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (*impo</td>
<td></td>
</tr>
<tr>
<td>Tulpans</td>
<td>Habits of Interest 6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (*impo</td>
<td></td>
</tr>
<tr>
<td>Tunabergskusten</td>
<td>Habits of Interest 9180 Tilio-Acerion ravine forests</td>
<td></td>
</tr>
<tr>
<td>Uddevallshyltan</td>
<td>Habits of Interest 91E0 Residual alluvial forests (Alnion)</td>
<td></td>
</tr>
<tr>
<td>Umeälvens delta</td>
<td>Habits of Interest 9180 Tilio-Acerion ravine forests</td>
<td></td>
</tr>
<tr>
<td>Vädersjön</td>
<td>Habits of Interest 91D0 Bog woodland</td>
<td></td>
</tr>
<tr>
<td>Vagnsmossen</td>
<td>Habits of Interest 9180 Tilio-Acerion ravine forests</td>
<td></td>
</tr>
<tr>
<td>Vålberga mosse</td>
<td>Habits of Interest 91D0 Bog woodland</td>
<td></td>
</tr>
<tr>
<td>Location</td>
<td>Habitats of Interest</td>
<td></td>
</tr>
<tr>
<td>--------------------------------</td>
<td>------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>Vällen södra  SE0178</td>
<td>91D0 Bog woodland</td>
<td></td>
</tr>
<tr>
<td>Vanserum-Bäck  SE0180</td>
<td>6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (*)impo</td>
<td></td>
</tr>
<tr>
<td>Varshultamyren  SE0181</td>
<td>7110 Active raised bogs</td>
<td></td>
</tr>
<tr>
<td>Vartoftasjön  SE0182</td>
<td>91E0 Residual alluvial forests (Alnion)</td>
<td></td>
</tr>
<tr>
<td>Västersjön  SE0183</td>
<td>91D0 Bog woodland</td>
<td></td>
</tr>
<tr>
<td>Västgöta fjällar-Skogsbygden  SE0184</td>
<td>6510 Lowland hay meadows (Alopecurus pratensis, Sanguisorba officianalis)</td>
<td></td>
</tr>
<tr>
<td>Veksjömyr  SE0185</td>
<td>91D0 Bog woodland</td>
<td></td>
</tr>
<tr>
<td>Vitamossen  SE0186</td>
<td>91D0 Bog woodland</td>
<td></td>
</tr>
<tr>
<td>Vivesholm  SE0187</td>
<td>6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (*)impo</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1160 Large shallow inlets and bays</td>
<td></td>
</tr>
</tbody>
</table>
UK

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

<table>
<thead>
<tr>
<th>Coverage of Proposed Sites</th>
</tr>
</thead>
<tbody>
<tr>
<td>The number of sites proposed</td>
</tr>
<tr>
<td>Total area covered by sites</td>
</tr>
<tr>
<td>Percentage of country’s territory</td>
</tr>
<tr>
<td>% Land</td>
</tr>
<tr>
<td>% Marine</td>
</tr>
</tbody>
</table>

*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:

<table>
<thead>
<tr>
<th>Biogeographic region</th>
<th>% of Habitats insufficiently represented</th>
<th>% of Species insufficiently represented</th>
</tr>
</thead>
<tbody>
<tr>
<td>Atlantic</td>
<td>50%</td>
<td>73%</td>
</tr>
</tbody>
</table>

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.
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, 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 (*Phocaena phoceana*), 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.
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) (*imp)

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) (*imp)

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

Brean Down & Uphill Cliff
UK-BH8

Habitats of Interest

Breen Wood
UK-BH138 Species of interest
1355 Lutra lutra

Habitats of Interest

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

Habitats of Interest
4040 Dry coastal heaths with Erica vagans and Ulex

Carrickbrawn
UK-BH137

Habitats of Interest

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
<table>
<thead>
<tr>
<th>Name</th>
<th>Reference</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cheddar Gorge</td>
<td>UK-BH9</td>
<td>habitats of interest 6210 semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (*impo</td>
</tr>
<tr>
<td>Clarepool Moss</td>
<td>UK-BH102</td>
<td>habitats of interest 91D0 Bog woodland</td>
</tr>
<tr>
<td>Cliburn Moss</td>
<td>UK-BH104</td>
<td>habitats of interest 91D0 Bog woodland</td>
</tr>
<tr>
<td>Cliffe Marshes Lagoons</td>
<td>UK-BH91</td>
<td>habitats of interest 1150 Lagoons</td>
</tr>
<tr>
<td>Coed Aber Edw</td>
<td>UK-BH39</td>
<td>habitats of interest 9180 Tilio-Acerion ravine forests</td>
</tr>
<tr>
<td>Coed Dolgarrog</td>
<td>UK-BH41</td>
<td>habitats of interest 9180 Tilio-Acerion ravine forests</td>
</tr>
<tr>
<td>Colt Park &amp; Ling Gill</td>
<td>UK-BH29</td>
<td>habitats of interest 9180 Tilio-Acerion ravine forests</td>
</tr>
<tr>
<td>Compton &amp; Tennyson Downs</td>
<td>UK-BH23</td>
<td>habitats of interest 6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (*impo</td>
</tr>
<tr>
<td>Coombe Woods</td>
<td>UK-BH40</td>
<td>habitats of interest 9180 Tilio-Acerion ravine forests</td>
</tr>
<tr>
<td>Crook Peak</td>
<td>UK-BH7</td>
<td>habitats of interest 6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (*impo</td>
</tr>
<tr>
<td>Deroran Bog</td>
<td>UK-BH114</td>
<td>habitats of interest 7110 Active raised bogs</td>
</tr>
<tr>
<td>Din Moss</td>
<td>UK-BH67</td>
<td>habitats of interest 7120 Degraded raised bogs (still capable of regeneration)</td>
</tr>
<tr>
<td>Dooden Moss</td>
<td>UK-BH71</td>
<td>habitats of interest 7110 Active raised bogs</td>
</tr>
<tr>
<td>Drimnin</td>
<td>UK-BH54</td>
<td>habitats of interest 9180 Tilio-Acerion ravine forests</td>
</tr>
<tr>
<td>Drumburgh - Fingland Moss</td>
<td>UK-BH75</td>
<td>habitats of interest 7110 Active raised bogs</td>
</tr>
</tbody>
</table>
Druncarn
UK-BH129  Species of interest
1065  Euphydryas aurinia

Duggleby High Barn Wold
UK-BH3

East Dale
UK-BH13

Eggardon Hill, Haydon & Askerwell Downs
UK-BH19

Fairy Water Bogs
UK-BH113

Fenn's & Whixall Mosses
UK-BH136

Foulden Common
UK-BH14

Foulsham Moss
UK-BH61

Glasdrum Wood
UK-BH43

Glen Affric Bogs
UK-BH135

Glen Tanar
OTT06  Species of interest
1355  Lutra lutra

Glen Tarff
UK-BH42

Gowbarrow Wood
UK-BH48

Habberley Valley
UK-BH30

Halesend Wood
UK-BH36

Habitats of Interest
6210  Semi-natural dry grasslands and scrubland facies on
calcaceous substrates (Festuco Brometaha) (*impo

Habitats of Interest
6210  Semi-natural dry grasslands and scrubland facies on
calcaceous substrates (Festuco Brometaha) (*impo

Habitats of Interest
6210  Semi-natural dry grasslands and scrubland facies on
calcaceous substrates (Festuco Brometaha) (*impo

Habitats of Interest
7110  Active raised bogs

Habitats of Interest
91D0  Bog woodland

Habitats of Interest
91D0  Bog woodland

Habitats of Interest
9180  Tilio-Acerion ravine forests

Habitats of Interest
9180  Tilio-Acerion ravine forests

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 Roughs
UK-BH11

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

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
9100 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
7120 Degraded raised bogs (still capable of regeneration)
1160 Large shallow inlets and bays

Loch Laxford
UK-BH84

Species of interest
1351 Phocoena phocoena
1355 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

Habitats of Interest
1160 Large shallow inlets and bays

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

Lower Lough Erne and Upper Lough Erne
UK-BH120 Habitats of Interest
1160 Large shallow inlets and bays

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-BH110 Habitats of Interest
6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (*impo
<table>
<thead>
<tr>
<th>Location</th>
<th>OTT Code</th>
<th>Species of interest</th>
<th>Habitats of Interest</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mochrum Lochs</td>
<td>OTT13</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Monegal Bog</td>
<td>UK-BH109</td>
<td></td>
<td>7110 Active raised bogs</td>
</tr>
<tr>
<td>Moneystaghan Bog</td>
<td>UK-BH108</td>
<td></td>
<td>7110 Active raised bogs</td>
</tr>
<tr>
<td>Moninea Bog</td>
<td>UK-BH107</td>
<td></td>
<td>7120 Degraded raised bogs (still capable of regeneration)</td>
</tr>
<tr>
<td>Montiaghs Moss</td>
<td>UK-BH132</td>
<td>1065 Euphydryas aurinia</td>
<td>7110 Active raised bogs</td>
</tr>
<tr>
<td>Moorthwaite and Cumwhitton Mosses</td>
<td>UK-BH100</td>
<td></td>
<td>7120 Degraded raised bogs (still capable of regeneration)</td>
</tr>
<tr>
<td>Moorthwaite Moss</td>
<td>UK-BH69</td>
<td></td>
<td>7110 Active raised bogs</td>
</tr>
<tr>
<td>Moss of Cree</td>
<td>UK-BH57</td>
<td></td>
<td>7120 Degraded raised bogs (still capable of regeneration)</td>
</tr>
<tr>
<td>Mound Alderwoods Extension (Loch Fleet)</td>
<td>OTT07</td>
<td></td>
<td>7120 Degraded raised bogs (still capable of regeneration)</td>
</tr>
<tr>
<td>Mousa Sound / Noss Sound</td>
<td>UK-BH82</td>
<td>1355 Lutra lutra</td>
<td>91D0 Bog woodland</td>
</tr>
<tr>
<td>Muir of Dinnet</td>
<td>OTT11</td>
<td></td>
<td></td>
</tr>
<tr>
<td>North Harris</td>
<td>OTT15</td>
<td>1355 Lutra lutra</td>
<td></td>
</tr>
<tr>
<td>Old Winchester Hill</td>
<td>UK-BH1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oldbury Castle &amp; Cherhill Down</td>
<td>UK-BH20</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Orton and Finglandrigg Woods</td>
<td>UK-BH103</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
outh East Islay Skerries
UK-BH76 Species of interest
1355 Lutra lutra

Pagham Harbour Lagoons
UK-BH79

Parsonage Down & Yarnbury Castle
UK-BH17

Peatlands Park
UK-BH128 Species of interest
1065 Euphydryas aurinia

Pembrokeshire Islands
UK-BH81 Species of interest
1351 Phocoena phocoena

Penmoelallt & Darren Fach
UK-BH38

Pewsey Downs
UK-BH21

Prescombe Down
UK-BH18

Purple Hill & Queen Down Warren
UK-BH22

Raincliffe Wood
UK-BH32

Rasos de Peguera
ES1 Species of interest
1902 Cypripedium calceolus

Rassal Wood
UK-BH55

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

Habitats of Interest
1150 Lagoons
6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (*impo
7110 Active raised bogs
7120 Degraded raised bogs (still capable of regeneration)
9180 Tilio-Acerion ravine forests
6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (*impo
6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (*impo
9180 Tilio-Acerion ravine forests
9180 Tilio-Acerion ravine forests
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

Seal Sands
UK-BH83

Seven Sisters
UK-BH93

Shipley Wood
UK-BH51

Skoska & Hawkswick Woods
UK-BH33

Smardale Woods
UK-BH49

Snowdonia
OTT02  Species of interest
1355  Lutra lutra
1106  Salmo salar

Solway Moss
UK-BH60

Solway Moss Woods
UK-BH98

Stenhouse & Chanlockfoot Woods
UK-BH47

Strangford Lough
UK-BH125

UK

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

Habitats of Interest
1130  Estuaries

Habitats of Interest
1170  Reefs

Habitats of Interest
9180  Tilio-Acerion ravine forests

Habitats of Interest
9180  Tilio-Acerion ravine forests

Habitats of Interest
9180  Tilio-Acerion ravine forests

Habitats of Interest
7120  Degraded raised bogs (still capable of regeneration)

Habitats of Interest
91D0  Bog woodland

Habitats of Interest
9180  Tilio-Acerion ravine forests

Habitats of Interest
1160  Large shallow inlets and bays
1170  Reefs
Swinter Voe and the Houb of Fora Ness

**UK-BH88**

**Species of interest**

<table>
<thead>
<tr>
<th>Species</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lutra lutra</td>
<td>1355</td>
</tr>
</tbody>
</table>

**Habitats of Interest**

<table>
<thead>
<tr>
<th>Habitat Type</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lagoons</td>
<td>1150</td>
</tr>
<tr>
<td>Large shallow inlets and bays</td>
<td>1160</td>
</tr>
</tbody>
</table>

Tattenamona Bog

**UK-BH106**

**Habitats of Interest**

<table>
<thead>
<tr>
<th>Habitat Type</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Degraded raised bogs (still capable of regeneration)</td>
<td>7120</td>
</tr>
<tr>
<td>Active raised bogs</td>
<td>7110</td>
</tr>
</tbody>
</table>

The Rhinns, Islay

**UK-BH28**

**Species of interest**

<table>
<thead>
<tr>
<th>Species</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lutra lutra</td>
<td>1355</td>
</tr>
</tbody>
</table>

Therfield Heath

**UK-BH24**

**Habitats of Interest**

<table>
<thead>
<tr>
<th>Habitat Type</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (*impo</td>
<td>6210</td>
</tr>
</tbody>
</table>

Threepwood Moss

**UK-BH70**

**Habitats of Interest**

<table>
<thead>
<tr>
<th>Habitat Type</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Active raised bogs</td>
<td>7110</td>
</tr>
</tbody>
</table>

Tick Wood

**UK-BH35**

**Habitats of Interest**

<table>
<thead>
<tr>
<th>Habitat Type</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tilio-Acerion ravine forests</td>
<td>9180</td>
</tr>
</tbody>
</table>

Tonnagh Beg Bog

**UK-BH121**

**Habitats of Interest**

<table>
<thead>
<tr>
<th>Habitat Type</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Active raised bogs</td>
<td>7110</td>
</tr>
</tbody>
</table>

Torbay

**UK-BH87**

**Habitats of Interest**

<table>
<thead>
<tr>
<th>Habitat Type</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reefs</td>
<td>1170</td>
</tr>
<tr>
<td>Large shallow inlets and bays</td>
<td>1160</td>
</tr>
</tbody>
</table>

Treshnish Isles

**UK-BH86**

**Species of interest**

<table>
<thead>
<tr>
<th>Species</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lutra lutra</td>
<td>1355</td>
</tr>
<tr>
<td>Phocoena phocoena</td>
<td>1351</td>
</tr>
</tbody>
</table>

Upper Ballinderry River

**UK-BH122**

**Species of interest**

<table>
<thead>
<tr>
<th>Species</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lutra lutra</td>
<td>1355</td>
</tr>
</tbody>
</table>

Walton Breaks and Broomhill Mosses

**UK-BH72**

**Habitats of Interest**

<table>
<thead>
<tr>
<th>Habitat Type</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Active raised bogs</td>
<td>7110</td>
</tr>
</tbody>
</table>

Waterdale

**UK-BH5**

**Habitats of Interest**

<table>
<thead>
<tr>
<th>Habitat Type</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometaha) (*impo</td>
<td>6210</td>
</tr>
</tbody>
</table>

Waveney and Little Ouse Valley Fens(River Extensions)

**OTT10**

**Species of interest**

<table>
<thead>
<tr>
<th>Species</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lutra lutra</td>
<td>1355</td>
</tr>
</tbody>
</table>

Wedholme Flow

**UK-BH63**

**Habitats of Interest**

<table>
<thead>
<tr>
<th>Habitat Type</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Degraded raised bogs (still capable of regeneration)</td>
<td>7120</td>
</tr>
</tbody>
</table>
UK

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) (*impo

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

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

Wyllye Down
UK-BH27