



Council Directive 92/43/EEC on the conservation of natural habitats and of wild fauna and flora

and

Directive 2009/147/EC of the European Parliament and of the Council of 30 November 2009 on the conservation of wild birds

A PRIORITISED ACTION FRAMEWORK (PAF) FOR NATURA 2000

ESTONIA

For the EU Multiannual Financing Period 2014-2020

A. Introductory overview of Natura 2000 network for territory

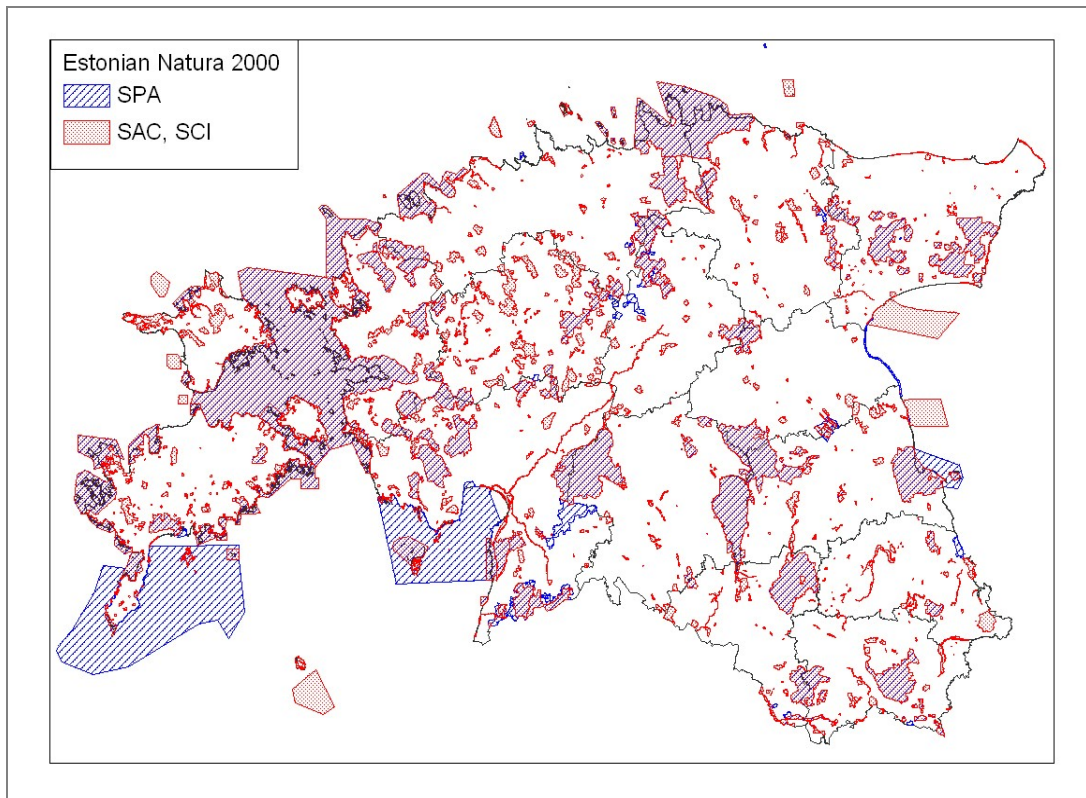
A.1 Short introduction to the habitat types of Annex I and species of Annex II of the Habitats Directive and Annex I and migratory bird species for which Natura 2000 sites are designated

Estonia hosts 60 habitat types of Annex I and 51 species of Annex II under the Habitats Directive. Among those habitats and species, Estonia has 18 priority habitat type and 4 priority species under the terms of the Habitats Directive. There are 66 species of Annex I of the Birds Directive and 70 migratory bird species for which Natura 2000 sites are designated. (See Annex I, II and III of this report for more detailed information).

A.2 Number and area of Natura 2000 sites

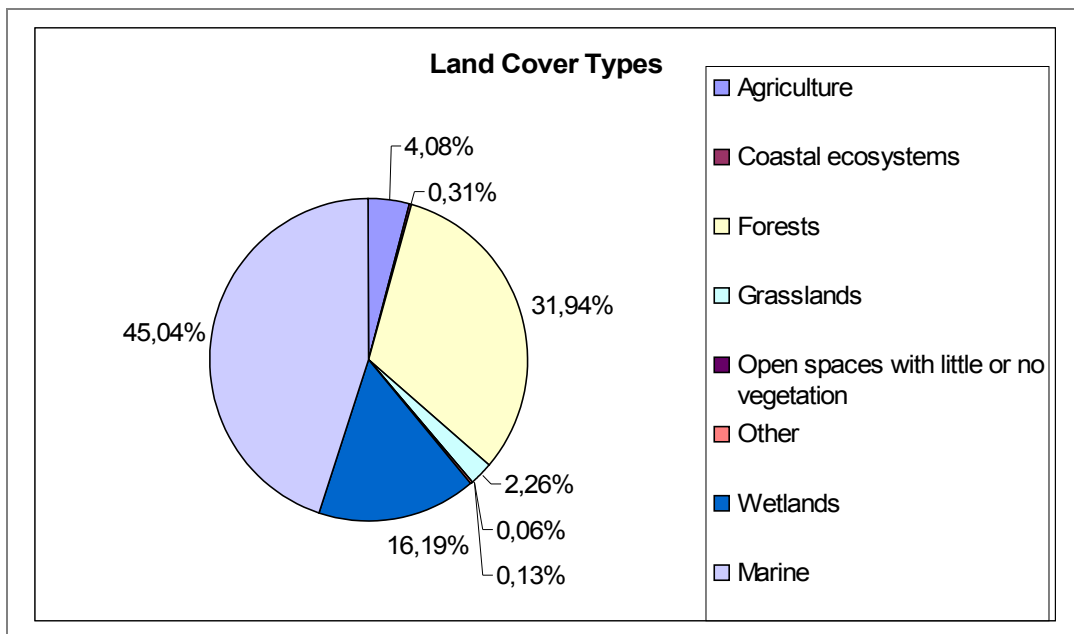
Sites of Community Importance (SCIs)	542 SCIs (incl 508 SACs and 11 pSCIs), total area 11 490 km ²
Reference to Commission Decisions on SCIs	<p>Boreal Biogeographical Region Commission Decisions:</p> <p>COMMISSION IMPLEMENTING DECISION of 16 November 2012 adopting a sixth updated list of sites of Community importance for the Boreal biogeographical region</p> <p>2011/84/EU of 10 January 2011 adopting, pursuant to Council Directive 92/43/EEC, a fourth updated list of sites of Community importance for the Boreal biogeographical region (notified under document number C(2010) 9667)</p> <p>2010/46/EU of 22 December 2009 adopting, pursuant to Council Directive 92/43/EEC, a third updated list of sites of Community importance for the Boreal biogeographical region (notified under document number C(2009) 10424)</p> <p>2009/94/EC of 12 December 2008 adopting, pursuant to Council Directive 92/43/EEC, a second updated list of sites of Community importance for the Boreal biogeographical region (notified under document number C(2008)</p> <p>2008/24/EC of 12 November 2007 adopting, pursuant to Council Directive 92/43/EEC, a first updated list of sites of Community importance for the Boreal biogeographical region (notified under document number C(2007) 5402)</p>
Special Areas of Conservation (SACs)	508 SACs , 10 013 km ²
Special Protection Areas (SPAs)	66 SPAs, 12 590 km ²
Total Natura 2000 terrestrial area	8018 km ²
Total Natura 2000 marine area	6732 km ²

See Annex IV, V and V of this report for list of SAC, SCI and SPA



Estonian Natura 2000 network (SPA, SAC, SCI)

A.3 Main land use cover and ecosystem categories for Natura 2000 sites

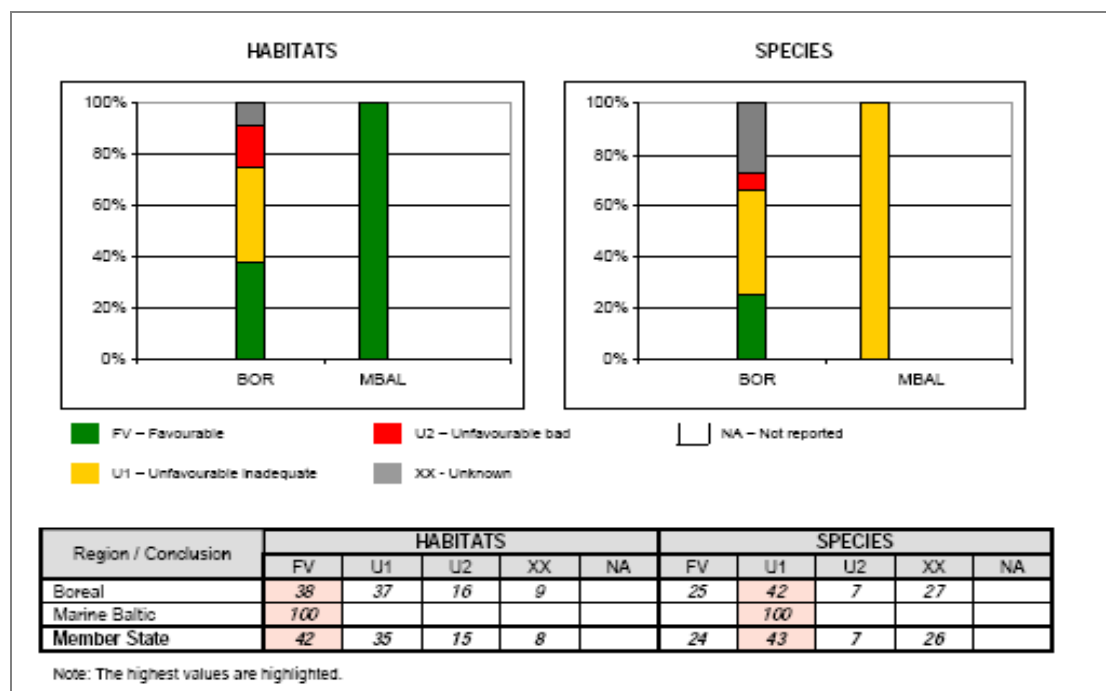


Source of Information: National Natura 2000 data base 2010

B. Status of the Habitats and Species

B.1 Most recent assessment of conservation status of species and habitat types for territory

B.1.a Habitat and species of Habitats Directive



FV – Favourable; U1 – Unfavourable inadequate; U2 – Unfavourable bad; XX - Unknown; NA – Not reported

In the boreal region 38% of Estonian habitats and 25% of species are assessed to be in favourable status according to Article 17 report of the Habitats Directive (2007). Which concerns Baltic Sea region, both habitat types (2) are in favourable status and both marine species (2) are inadequate status.

Region / Conclusion	HABITATS					SPECIES				
	FV	U1	U2	XX	NA	FV	U1	U2	XX	NA
Range	87	8	2	3		51	29	3	17	
Area / Population	55	27	5	13		39	26	6	29	
Structure / Habitat	43	30	12	15		27	39	2	32	
Future Prospects	43	35	12	10		38	31	2	29	

According to the report the range of the most habitat types and 51% species are assessed to be in favourable status, the area is assessed as favourable for more than 50% of habitat types, more attention should be paid to the status of structure and future prospects. What concerns the species, the biggest problems are connected to the status of habitats.

B.1.b Bird species of Birds Directive

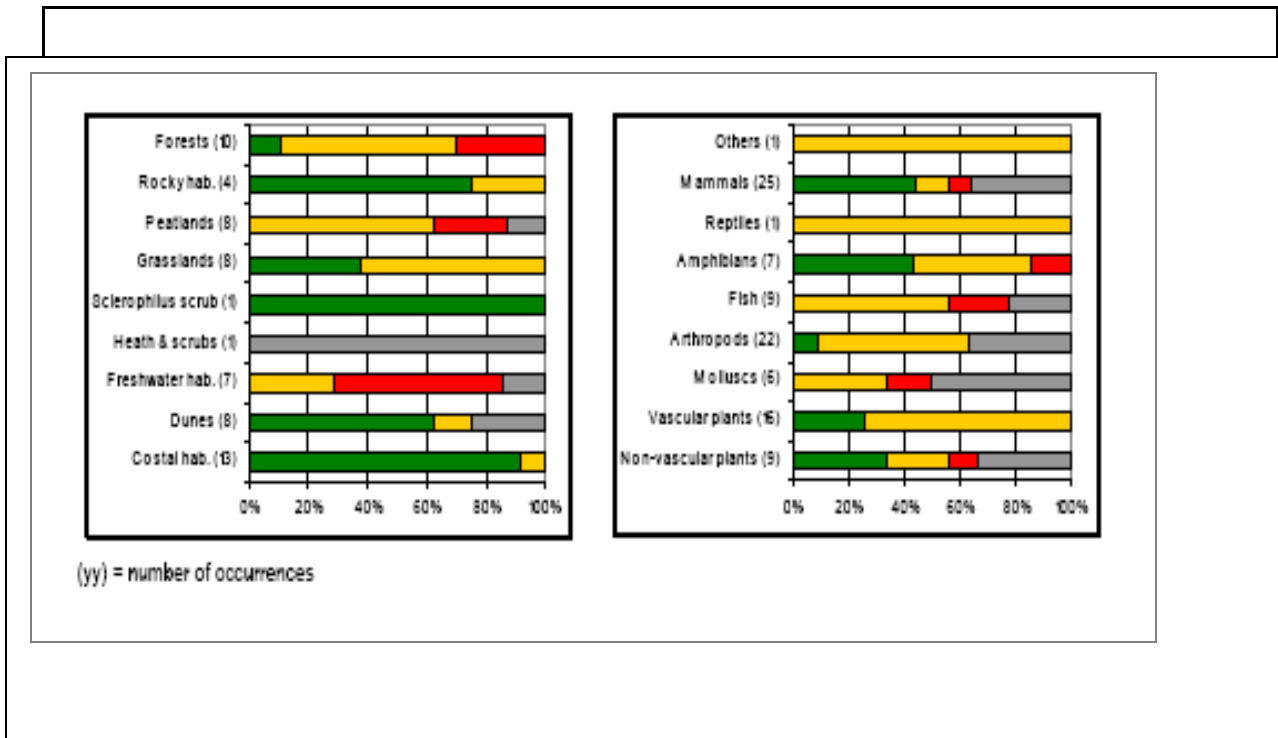
Red List Category	RE	CR	EN	VU	NT	LC	NA	NE	DD
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% of species	1	2	2	6	9	39	40	0	0.3
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There are 74 red listed (RE, CR, EN, VU, NT) bird species in Estonia, including 42 threatened bird species (RE, CR, EN, VU).

Data source: Estonian Red List 2008

B.2 Overall assessment of conservation status by Habitat category / species group



Large part of Estonian habitats are in favourable status – 42% (25 habitat types), 35% (21) are in inadequate status, and 15% (9) have bad status according to Article 17 report of the Habitats Directive (2007). Information is deficient regarding 8% (5) of habitats so the status is unknown. The greatest share of habitats in favourable status are in coastal habitats category, while the situation is worst in the case of freshwater habitats and mires.

Large part of species – 43% – have inadequate status, while 24% (23 species) have favourable status and only 7% (7) species have bad status. Unfortunately, more than one-quarter (26% or 25 species) of the species status specified in the Habitats Directive is unknown. The greatest number of species in favourable status are among mammals, due to favourable status of all our large carnivores (European lynx, brown bear, wolf).

B.3 Overview of pressures and threats to species and habitats

Category of pressure / threat	HABITATS		SPECIES	
	Actual pressures	Future threats	Actual pressures	Future threats
Agriculture, Forestry	53	42	57	45
Fishing, hunting and collecting	5	3	17	16
Mining and extraction of materials	30	32	4	5
Urbanisation, industrialisation and similar activities	45	52	19	19
Transportation and communication	20	18	17	8
Leisure and tourism (other than above)	20	22	3	6
Pollution and other human impacts/activities	27	23	32	30
Human induced changes in wetlands and marine environments	43	47	54	43
Natural processes (biotic and abiotic)	57	60	27	31

According to the report the greatest pressures and threats are connected to forestry and agriculture, urbanisation and human induced changes in wetlands. Those pressures and threats occur mainly outside of Natura 2000 sites. But also natural processes that change the area and structure of the habitats, have a strong influence.

C. LEGAL AND ADMINISTRATIVE PROVISIONS FOR THE PROTECTION AND MANAGEMENT OF THE NATURA 2000 SITES

C.1 Relevant legal provisions

In Estonia Natura 2000 sites are or will be protected according to Estonian Nature Conservation Act as protected areas (national parks, nature conservation areas, landscape protection areas) or as limited-conservation areas or as species protection sites.

All protected areas have specific protection rules, which are approved by the government. Protection rules for species protection sites (by species) are approved by the minister of the environment.

The protection rules determine:

- boundaries of the area
- list of habitat types and species, which are protected in the area
- conservation objectives of the area
- activities which are not allowed in the area
- activities which are allowed only with acceptance of administrator of protected area

(Environmental Board)

- necessary activities to achieve the conservation objectives (in case active management is needed)

Protection regime for limited-conservation areas are determined in the Nature Conservation Act. Site boundaries and list of habitat types and species, which are protected in the site are approved by the government.

Boundaries and list of habitat types and species, which are protected in each Natura 2000 sites (SPAs and pSCIs) are approved by the government

In addition to establishing protection regime with specific protection rules, the management plans are compiled. First for the sites, where active management is needed. In management plans, conservation objectives, conservation measures, priorities, provisional budget and timetable are described more precisely. The structure of the management plan has been approved by the minister of the environment. The management plans are approved by the Environmental Board.

Also species action plans are compiled, which include biological data, population dynamics data and information on the range of the species, conditions for guaranteeing the favourable conservation status; threats and pressures, conservation objectives, measures for achieving the objectives.

Similar plans for habitat type groups will be compiled.

C.2 Progress and perspectives for management planning for the sites (as 1st of November 2012)

<p>Progress in establishing conservation objectives</p>	<p>Conservation objectives (list of habitats types and species) are approved by the regulation taking the site under protection according to the Estonian Nature Conservation Act.</p> <p>More precise (qualitative and quantitative) conservation objectives are or will be established in the management plans.</p> <p>Conservation objectives for the threatened species at national level are (or will be) determined in the action plans. Until now 22 species action plans for the Habitats Directive species have been approved, 17 of them are being updated and compilation of 59 action plans are in progress. What concerns the bird species, 12 action plans are approved, 5 of them are being updated and 28 action plans are under compilation. Conservation objectives at national level will be established also for the threatened habitat type groups. The compilation of the first habitat type group action plan – action plan for semi-natural grassland, is in progress.</p>
<p>% of sites with plans completed</p>	<p>27% of SCI/SAC area with approved management plans</p>
<p>% of sites with plans in preparation</p>	<p>66 % of SCI/SAC area with management plans in preparation</p>
<p>% of sites with no plans</p>	<p>7% of SCI/SAC area with no management plans</p>
<p>Link to web sites with plans & any guidelines</p>	<p>List of Natura 2000 sites (pSCI and SPA) submitted to the European Commission https://www.riigiteataja.ee/akt/328122010002?leiaKehtiv Protection rules (Government Regulations) https://www.riigiteataja.ee/otsingu_tulemus.html?sakk=kehtivad&otsisona=kaitse-eeskiri Species Action Plans http://www.envir.ee/1688 Regulation of the Minister of the Environment “The rules for compiling and adopting of management plans” https://www.riigiteataja.ee/akt/13228916 Approved management plans http://www.keskkonnaamet.ee/kkk/</p>
<p>More background information on plans and comment on other instruments/approaches for management planning, information on and plans for particular sectors (e.g. forestry etc.)</p>	

C.3 Relevant government and non-governmental plans

Nature Conservation Strategy until 2020 was approved by the government in July 2012.

Three main objectives are:

1. People know the nature and are good stewards of it, applying this knowledge in everyday life;
2. Species and habitats have favourable conservation status and landscape diversity is ensured; habitats function as coherent ecological network;
3. Long-term existence of natural resources is ensured and their use is based on ecosystem approach.

Nature Conservation Strategy takes into account the main goals and targets of the EU Biodiversity Strategy to 2020 as well.

The second objective of Estonian Nature Conservation Strategy is directly connected to improving the status of threatened habitat types and species. Specific objectives for species and habitats, activities and costs are given in Estonian Nature Conservation Strategy.

D CURRENT EXPERIENCE WITH USE OF EU FINANCIAL INSTRUMENTS

D1 European Agricultural Fund for Rural Development (EAFRD)

Provide a summary of allocations under relevant provisions of rural development fund for Natura 2000 management, (as well as other relevant national/regional financing)

Fund	Provision	Level of Use (1.01.2007 – 1.11.2012)
EAFRD	213 Natura 2000 payments	3.5 m€
	224 Forest Natura 2000 payments	10.8 m€
	Management of semi-natural habitats (one sub-measure under 214 agri-environment scheme)	18.6 m€
	225 forest-environment measures	-
Other relevant (national/regional) payment schemes for Territory: national nature management subsidy		3 m€
<p>Summary of key Natura 2000 related measures being undertaken under EAFRD: There are three Natura 2000 related measures:</p> <ul style="list-style-type: none"> • Subsidy for the maintenance of semi-natural habitats The objective of the subsidy is to ensure the favourable conservation status of the semi-natural habitats located in Natura 2000 areas. The present rates are 238 EUR/ha per year for wooded meadows and 186 EUR/ha per year for other grasslands. 911 applicants were supported to mow or graze 24000 ha of semi-natural grasslands (total support 4.5 mln euro) in 2012. • Natura 2000 subsidy to private forest owners The aim of the subsidy is to compensate the loss of economic income from the forestry due to the restrictions of the Birds and Habitats Directives. The present rate is 110 EUR/ha per year or 60 EUR/ha per year depending on the rate of protection restrictions. 3.7 mln euro were paid to 4127 applicants for 54 448 ha in 2012. • Natura 2000 subsidy to agricultural land user The aim of the subsidy is to compensate the loss of income due to restrictions of the Birds and the Habitats Directives. The present rate is 32 euro per ha per year and it is paid in addition to other area based subsidy. The payments in 2012 were 0.7 mln euro, which covers 22 293 ha. <p>National nature management subsidies are paid for restoration of semi-natural habitats and for building the fences for pastures. In total 6700 ha of semi-natural habitats have been restored and 580 km of fences have been built in 2007-2011.</p>		
<p>Key lessons learnt and obstacles encountered: All these subsidies schemes play a very important role in the protection and management of Natura 2000 sites. Subsidy for the management of semi-natural habitats is essential to maintain species-rich grasslands, which are important habitats for bird species, amphibians and plant species. Without this subsidy semi-natural habitats as functioning ecosystems would mostly have been disappeared due to overgrowing with bushes and reed. Subsidy to private forest owners is important to promote positive attitude to protect forest habitat types and species, e.g black stork, eagles, woodpeckers, owls, red-breasted flycatchers, flying squirrels, beetles. More resources are needed to achieve the conservation targets.</p>		

* Where estimates are available they should be provided. Otherwise indicate as VS Very significant; MU Moderate Use; MI Minor use; NU No use

D.2 European Fisheries Fund (EFF)

Provide a summary of allocations under Axis 1-4 of EFF used for Natura 2000 management, (as well as other relevant national/regional funding)

Fund	Provision	Level of Use (1.01.2007 – 1.11.2012)
EFF	Axis 1	
	Axis 2	
	Axis 3	22 700 €
	Axis 4	
Other (national/regional) payment schemes for Territory		
Summary of key Natura 2000 related measures being undertaken under fund: As of 1 November, 2012 amount of 0.5 m€ has been granted for the Natura 2000 related projects, e.g. restoration of fish (<i>Salmo salar</i> , <i>Lampetra fluviatilis</i>) habitats in canyon of Narva river; study on migration and spawning areas of semi-migratory fish species and providing recommendations for improving the spawning areas in two Natura 2000 sites; study on spawning areas of commercial fish species.		
Key lessons learnt and obstacles encountered: The main problem is connected to low use of the fund for the management of Natura 2000.		

Where estimates are available they should be provided. Otherwise indicate as VS Very significant; MU Moderate Use; MI Minor use; NU No use

D.3 Structural Funds and the Cohesion Fund

Provide a summary of allocations under relevant provisions of structural funds used for Natura 2000 management, (as well as other relevant national/regional funding)

Fund	Provision	Level of Use (1.01.2007 – 1.11.2012)
ERDF	Category 51	8 m€
	Category 54	14.9 m€
	Category 18	5.1 m€
	INTERREG	1.2 m€
European Social Fund (ESF)		0.3 m€
Summary of key Natura 2000 related measures being undertaken under ERDF: There are three measures under Category 51 to support biodiversity (total budget is 21,7 m€):		
<ul style="list-style-type: none"> • A programme for compilation of management plans for Natura 2000 sites and action plans for threatened species (budget 4.67 m€). • An investment plan to restore the habitats (raised bogs), to restore the infrastructure needed for the management of semi-natural habitats (roads, bridges, culverts), to restore protected landscapes and protected parks, to manage invasive alien species (invasive hogweeds); to restore the log fire sites, boardwalks etc (budget 11.95 m€). 		

- An open call for NGO-s and local municipalities to restore the habitats, protected landscapes and protected parks, to restore the log fire sites, boardwalks and to buy cattle for the management of semi-natural habitats (budget 5.1 m€).

Under Category 54 the following activities are supported to improve the status of river habitat: removal of dams blocking the migration of migratory fish to their spawning areas, construction and reconstruction of fish ladders and fish routes, restoration of spawning areas (total budget 19.2 m€).

Under Category 18 development of environmental education infrastructure are supported to improve availability of environmental awareness raising.

In addition, two projects are being carried out under Category 02 (budget 1.1 m€) on the following topics: applied nature conservation research concerning functionality and coherence of protected areas, effectiveness of semi-natural habitats management system (KESTA); role of anthropogenic disturbances on threatened plant species.

Several projects are being carried out under Territorial Cooperation Programmes to raise awareness, to exchange experience and best practises, to study the white-tailed eagle and osprey, to make inventories of ecosystems, habitats and species and to restore the river habitats.

Under ESF the development of environmental education is supported. The development of the system (network creation, purchasing teaching materials, raising the qualification and competence of teachers, trainers and the mediators of nature) is supported, as well as the carrying out of courses. One aim is to increase the numbers, as well as the age and professional range, of interested people included in environmental education.

Key lessons learnt and obstacles encountered:

All these measures have played a very important role in the management of Natura 2000 sites, e.g compilation of management plans; restoration of raised bogs, rivers and other habitats; restoration of infrastructure and providing cattle for management of semi-natural habitats (integration of EAFRD). Without the EU Funds the reaching of favourable conservation status of Natura network and fulfilment of 2020 targets of the EU Biodiversity Strategy would be considerably slower, if it would be possible at all.

Main problems are connected to the implementation of new rules, requirements and overall bureaucracy, which has been very time-consuming, therefore the carrying out the projects has taken more time than expected.

Where estimates are available they should be provided. Otherwise indicate as VS Very significant; MU Moderate Use; MI Minor use; NU No use

D.4 LIFE+

Provide a summary of allocations under LIFE+ for Natura 2000 management,

Fund	Provision	Level of Use (1.01.2007 – 1.11.2012)
LIFE+	Nature and Biodiversity	1.95 m€
<p>Summary of key Natura 2000 related measures being undertaken under fund: Three projects have been financed so far:</p> <ul style="list-style-type: none"> • HAPPYFISH - Saving life in meanders and oxbow lakes of Emajõgi River on Alam-Pedja NATURA 2000 area, which aim was to restore meanders and oxbow lakes as important spawning areas of threatened fish species (asp (<i>Aspius aspius</i>), spined loach (<i>Cobitis taenia</i>), European weather loach (<i>Misgurnus fossilis</i>), bullhead (<i>Cottus gobio</i>)). • DRAGONLIFE - Securing <i>Leucorhina pectoralis</i> and <i>Pelobates fuscus</i> in the northern distribution area in Estonia and Denmark. The aim of the project is to restore threatened and overgrowing breeding habitats of common spadefoot toad and large white-faced darter, ensuring the survival of these species in Estonia and Denmark. • URBANCOWS - Restoration and Public Access of Urban Coastal Meadow Complex in Pärnu Town. The aim of the project is to find publicly acceptable ways of restoring an urban coastal meadow (in Estonian 5th largest town) and raise awareness on the importance of coastal meadow complex • In addition Estonia is participating in the project: MARMONI-Innovative approaches for marine biodiversity monitoring and assessment of conservation status of nature values in the Baltic Sea. 		
<p>Key lessons learnt and obstacles encountered:</p> <p>All the projects are important to restore habitats for certain threatened species and to raise awareness of local people. DRAGONLIFE was important as large scale habitats restoration project to improve the status of <i>Leucorhina pectoralis</i> and <i>Pelobates fuscus</i>. As Life projects require international cooperation, the local experts can disseminate projects results internationally and can get info about relevant activities in other countries.</p> <p>As Estonia is a small country, most of our NGOs are too small to meet the financing requirements of Life projects. Finding co-financing is also difficult in most cases.</p>		

Where estimates are available they should be provided. Otherwise indicate as VS Very significant; MU Moderate Use; MI Minor use; NU No use

D.5 Other key funding sources

Fund	Level of Use (1.01.2007 – 1.11.2012)
7th Framework Programme for Research (FP7)	0.26 m€
Public/Private Partnership financing schemes	
Use of innovative financing	
Other (specify) National public	47 m€
<p>Summary of key Natura 2000 related measures being undertaken under fund: Up to now there are two projects under FP7 that are connected to biodiversity: Cooperation and shared strategies for biodiversity research programmes in Europe and European Biodiversity Observation Network. The latter is a project with the aim to design and test biodiversity observation systems integrated in time and space.</p>	

National public finances have been used for the improvement and implementation of Natura 2000 network (incl. inventories, monitoring, protection and management planning, data management, restoration and ongoing management, land purchase, environmental education and awareness raising, restoration of infrastructure, incl infrastructure for public access).

Key lessons learnt and obstacles encountered:

Where estimates are available they should be provided. Otherwise indicate as VS Very significant; MU Moderate Use; MI Minor use; NU No use

E. Current estimate of financial needs for management of Natura 2000 for the territory

The estimation is based on Estonian Nature Conservation Strategy (2012-2020), administration costs are not included.

Financial needs for management of Natura 2000 in Estonia 2014-2020

Studies, inventories, finalisation of sites	5 m€
Management planning	6 m€
Habitat management and monitoring	283 m€
Investments cost	111 m€
Total	405 m€

F STRATEGIC CONSERVATION PRIORITIES FOR NATURA 2000 FOR THE TERRITORY FOR PERIOD 2014-2020

F.1 Summary of priorities for period (and expected outcomes), for priority habitat types and species having regard to the need for measurable progress on the nature sub-target under EU 2020 biodiversity strategy and for ensuring good functioning of Natura 2000 network (SACs + SPAs)

Coast (1150, 1630)

1150

Conservation priorities:

- to improve the conservation status in several sites.

Expected outcomes:

- habitats in several sites are restored, the management of surrounding areas is improved, the habitats of *Bufo calamita*, *Calidris alpina schinzii*, *Philomachus pugnax* have improved status.

1630

Conservation priorities:

- to improve the status from U1- to U1.

Expected outcomes:

- habitat type is restored by 350 ha, managed area is increased from currently managed 10 000 ha to 10 350 ha;

- the water regime is restored in several sites

- quality of the management is improved to be more suitable for threatened bird species (*Charadriiformes*);

- habitats of *Bufo calamita* are restored;

- stop-over sites for migratory birds (*Branta leucopsis*, *Anser anser* and other *Anseriformes*) have improved status.

Dunes (2130, 2140)

Conservation priorities:

- to maintain the status and to improve the status in several sites.

Expected outcomes:

- 400 ha of 2130 are restored to provide habitats for *Lacerta agilis*,

- the habitats of *Bufo calamita* are restored in several sites.

Freshwater (3180, *Acipenser sturio*, *Mustela lutreola*)

3180

Conservation priorities:

- to improve the status from U2 to U1.

Expected outcomes:

- agricultural pollution is minimized

This habitat type is important also for *Triturus cristatus* and *Pelobates fuscus*.

***Acipenser sturio* (extinct)**

Conservation priorities:

- reintroduction of *Acipenser sturio* in Estonia.

Expected outcomes:

- the species is re-introduced, the habitat in Narva river is restored.

Mustela lutreola

Conservation priorities:

- to maintain the population in Hiiumaa.

Expected outcomes:

- the population is maintained in Hiiumaa.

Semi-natural grasslands (6210, 6270, 6280, 6530, 8240)

Conservation priorities:

- to improve the status of the habitats so, that the status will be at least U1.

Expected outcomes:

The currently managed area is maintained, the additional areas are restored, and the managed area is increased as follows:

- 6210 from currently managed 1000 ha to 2250 ha,
- 6270 from 1000 ha to 1800 ha,
- 6280 (incl 8240) from 2850 ha to 7350 ha,
- 6530 from 700 ha to 3150 ha.

Mires (7110, 7210, 7220)

7110, 7210

Conservation priorities:

- to improve the status of the habitats.

Expected outcomes:

- the area of restored habitats is increased from 100 ha up to 8000 ha.

7220

Conservation priorities:

- to improve the status in several sites.

Expected outcomes:

- the habitats are restored at least in three Natura 2000 sites.

Forests (9010, 9020, 9080, 9180, 91D0, 91E0, *Pteromys volans*, *Osmoderma eremita*)

Conservation priorities:

- to maintain and improve the status of forest habitats and species, to avoid harmful activities, improving the status of habitats by either passive conservation or active restoration (improvement of the status of the forest habitats is a long process, the passive management, which needs to be supported, plays an important role here).

Expected outcomes:

- the status is maintained or improved,
- the water regime is restored in several sites.

F.2 Summary of priorities for other habitats and species covered by nature Directives having regard to the need for to measurable progress on nature sub-target under EU 2020 biodiversity strategy (Habitats and Birds Directives) and for ensuring good functioning of Natura 2000 network (SACs + SPAs)

Marine and coastal waters (1110, 1130, 1140, 1160, 1170, *Halichoerus grypus*, *Phoca hispida bottnica*, *Gavia stellata*, *Gavia arctica*, *Podiceps cristatus*, *Botaurus stellaris*, *Ardea cinerea*, *Cygnus olor*, *Cygnus columbianus*, *Cygnus cygnus*, *Anas penelope*, *Anas strepera*, *Anas crecca*, *Anas platyrhynchos*, *Anas acuta*, *Anas querquedula*, *Anas clypeata*, *Aythya ferina*, *Aythya fuligula*, *Aythya marila*, *Somateria mollissima*, *Polysticta stellari*, *Clangula hyemalis*, *Melanitta nigra*, *Melanitta fusca*, *Bucephala clangula*, *Mergus albellus*, *Mergus serrator*, *Mergus merganser*, *Fulica atra*, *Recurvirostra avosetta*, *Limicola falcinellus*, *Larus ridibundus*, *Larus canus*, *Larus fuscus*, *Sterna caspia*, *Sterna sandvicensis*, *Sterna hirundo*, *Sterna paradisaea*, *Sterna albifrons*, *Alca torda*, *Cephus grylle*, *Acrocephalus arundinaceus*)

Conservation priorities:

- to improve the knowledge of marine habitats and species, especially in offshore areas,
- to maintain and improve the status of the habitats and species.

Expected outcomes:

- better knowledge of the habitats and species,
- measures to reduce the impacts of fisheries to seals are in place,
- additional marine protected areas are established.

Coast (1210, 1220, 1230, 1310, 1620, 1640, *Botaurus stellaris*, *Cygnus columbianus*, *Anser fabalis*, *Anser albifrons*, *Anser erythropus*, *Anser anser*, *Branta leucopsis*, *Branta bernicla*, *Anas penelope*, *Anas querquedula*, *Somateria mollissima*, *Bucephala clangula*, *Mergus merganser*, *Haliaeetus albicilla*, *Circus aeruginosus*, *Rallus aquaticus*, *Porzana porzana*, *Porzana parva*, *Recurvirostra avosetta*, *Charadrius dubius*, *Charadrius hiaticula*, *Pluvialis squatarola*, *Calidris canutus*, *Calidris minuta*, *Calidris temminckii*, *Calidris ferruginea*, *Calidris maritima*, *Philomachus pugnax*, *Limosa limosa*, *Limosa lapponica*, *Numenius arquata*, *Tringa erythropus*, *Tringa totanus*, *Arenaria interpres*, *Phalaropus lobatus*, *Sterna caspia*, *Sterna sandvicensis*, *Sterna hirundo*, *Sterna paradisaea*, *Sterna albifrons*, *Alca torda*, *Cephus grylle*, *Asio flammeus*, *Acrocephalus arundinaceus*).

Conservation priorities:

- to maintain the favourable conservation status of the habitats,
- to maintain or improve the status of birds.

Expected outcomes:

- the status of birds is maintained or improved.

Dunes and heaths (2110, 2120, 2180, 2190, 2320, 2330, 4030, *Pulsatilla patens*, *Dianthus arenarius ssp arenarius*, *Lacerta agilis*, *Bufo calamita*, *Lullula arborea*, *Anthus campestris*)

Conservation priorities:

- to maintain and to improve the status of habitats and species.

Expected outcomes:

- 50–100 ha of 4030 is restored – important habitat for *Lacerta agilis*,
- habitats of *Bufo calamita* are restored in several sites.

Freshwater habitats (3110, 3130, 3140, 3150, 3160, 3260, *Lutra, lutra*, *Myotis dasycneme*, *Aspius aspius*, *Cobitis taenia*, *Cottus gobio*, *Lampetra fluviatilis*, *Misgurnus fossilis*, *Salmo salar*, *Thymallus thymallus*, *Margaritifera margaritifera*, *Unio crassus*, *Ophiogomphus cecilia*, *Leucorrhinia pectoralis*, *Dytiscus latissimus*, *Dichelyma capillaceum*, *Najas flexilis*, *Gavia arctica*, *Podiceps cristatus*, *Podiceps grisegena*, *Botaurus stellaris*, *Ciconia nigra*, *Ardea cinerea*, *Anas crecca*, *Anas platyrhynchos*, *Anas clypeata*, *Aythya ferina*, *Aythya fuligula*, *Aythya marila*, *Mergus albellus*, *Mergus merganser*, *Pandion haliaetus*, *Fulica atra*, *Larus minutus*, *Larus ridibundus*, *Larus canus*, *Sterna hirundo*, *Sterna paradisaea*, *Chlidonias niger*, *Alcedo atthis*, *Acrocephalus arundinaceus*)

Conservation priorities:

- to improve the status of freshwater habitats and species,
- to avoid extinction of *Margaritifera margaritifera*.

Expected outcomes:

- reduce the pollution load of water bodies,
- restored river habitats in several sites, e.g spawning areas and migratory routes for fish species,
- restored habitat for *Margaritifera margaritifera*,
- restored population of *Unio crassus* in several sites,
- restored feeding sites for *Ciconia nigra*.

Semi-natural grasslands (5130, 6410, 6430, 6450, 6510, 9070, *Cygnus columbianus*, *Gallinago gallinago*, *Gallinago media*, *Vanellus vanellus*, *Crex crex*, *Numenius arquata*, *Limosa limosa*, *Philomachus pugnax*, *Circus aeruginosus*, *Ciconia ciconia*, *Ciconia nigra*, *Cygnus cygnus*, *Circus cyaneus*, *Circus pygargus*, *Aquila pomarina*, *Aquila clanga*, *Falco tinnunculus*, *Falco peregrinus*, *Tetrao tetrix*, *Perdix perdix*, *Grus grus*, *Calidris alpina szhincii*, *Gallinago media*, *Numenius arquata*, *Larus minutus*, *Asio flammeus*, *Coracias garrulus*, *Lullula arborea*, *Sylvia nisoria*, *Lanius collurio*, *Emberiza hortulana*, *Agrimonia pilosa*, *Angelica palustris*, *Dianthus arenarius ssp arenarius*, *Encalypta mutica*, *Euphydrias aurinia*, *Ligularia sibirica*, *Lycaena dispar*, *Saussurea alpina esthonica*, *Triturus cristatus*, *Vertigo angustior*, *Vertigo genesii*, *Vertigo geyerii*, *Sisymbrium supinum*, *Thesium ebracteatum*, *Tortella rigens*)

Conservation priorities:

- to improve the status of 6450 from U1- at least to U1, to maintain the status of other habitat types,
- to maintain or improve the status of species.

Expected outcomes:

- currently managed area is maintained, additional areas are restored, and managed area is increased as follows:

5130 from currently managed 200 ha up to 2925 ha,

6410 from currently managed 100 ha up to 675 ha,

6450 from 6600 up to 11 700 ha,

6510 from 500 ha up to 1275 ha,

9070 from 1500 to 1575 ha,

- the water regime of 6450 is improved in several sites, the quality of the management is improved, infrastructure needed for the management is restored and in place in the most important areas,

- the quality of habitat of 9070 is improved,

- the status of species is maintained or improved.

Other agricultural lands (*Aquila clanga*, *Aquila pomarina*, *Crex crex*, *Cygnus columbianus*, *Anser fabalis*, *Anser albifrons*, *Anser erythropus*, *Anser anser*, *Branta leucopsis*, *Numenius arquata*, *Emberiza hortulana*, *Alauda arvensis*, *Vanellus vanellus*, *Ciconia ciconia*, *Buteo buteo*, *Aquila pomarina*, *Aquila clanga*, *Falco tinnunculus*, *Perdix perdix*, *Grus grus*, *Coracias garrulus*, *Galerida cristata*, *Riparia riparia*, *Emberiza hortulana*, *Pelobates fuscus*)

Conservation priorities:

- to maintain and improve the status of the species that depend on agriculture.

Expected outcomes:

- the status of the species is maintained or improved,

- the water regime of polders in Natura 2000 sites are regulated appropriately and management methods (mowing, grazing, crop rotation, partial or temporary abandonment) meet the habitat needs of target species.

Mires (7120, 7140, 7150, 7160, 7230, *Drepanocladus (Hamatocaulis) vernicosus*, *Ligularia sibirica*, *Liparis loeselii*, *Rhinanthus oesiliensis*, *Saussurea alpina esthonica*, *Saxifraga hirculus*, *Vertigo angustior*, *Vertigo genesii*, *Vertigo geyerii*, *Gavia arctica*, *Cygnus cygnus*, *Anser fabalis*, *Anser albifrons*, *Anser erythropus*, *Anser anser*, *Branta leucopsis*, *Circus cyaneus*, *Circus pygargus*, *Aquila chrysaetus*, *Falco colombarius*, *Falco peregrinus*, *Lagopus lagopus*, *Grus grus*, *Pluvialis apricaria*, *Philomachus pugnax*, *Lymnocyptes minimus*, *Limosa limosa*, *Numenius phaeopus*, *Numenius arquata*, *Tringa totanus*, *Tringa nebularia*, *Tringa glareola*, *Asio flammeus*, *Lanius excubitor*)

Conservation priorities:

- to improve or maintain the status of the habitats and species.

Expected outcomes:

- about 2000 ha of the habitats are restored,

- the status of the habitats and species is maintained or improved.

Rocky slopes and caves (8210, 8220, 8310, *Myotis dasycneme*, *Riparia riparia*)

Conservation priorities:

- to maintain the status of the habitats.

Expected outcomes:

- the status of the habitats is maintained.

Forests (9050, 9060, 9070, 91F0, *Pulsatilla patens*, *Agrimonia pilosa*, *Buxbaumia viridis*, *Cinna latifolia*, *Cypripedium calceolus*, *Dicranum viride*, *Moehringia lateriflora*, *Boros schneideri*, *Cucujus cinnaberinus*, *Euphydryas maturna*, *Oxyporus mannerheimii*, *Xylomoia strix*, *Triturus cristatus*, *Ciconia nigra*, *Pernis apivorus*, *Haliaeetus albicilla*, *Circaetus gallicus*, *Accipiter gentilis*, *Accipiter nisus*, *Buteo buteo*, *Aquila pomarina*, *Aquila clanga*, *Aquila chrysaetus*, *Pandion haliaetus*, *Falco colombarius*, *Bonasa bonasia*, *Tetrao tetrix*, *Tetrao urogallus*, *Grus grus*, *Columba oenas*, *Bubo bubo*, *Glaucidium passerinum*, *Strix uralensis*, *Aegolius funereus*, *Caprimulgus europaeus*, *Coracias garrulus*, *Jynx torquilla*, *Picus canus*, *Picus viridis*, *Dryocopus martius*, *Dryocopus leucotos*, *Dryocopus minor*, *Picoides tridactylus*, *Anthus campestris*, *Luscinia svecica*, *Ficedula parva*, *Loxia pytyopsittacus*)

Conservation priorities:

- to maintain the status of forest habitats and species, avoiding of harmful activities,
- improving the status of habitats by either passive conservation or active restoration (improvement of the status of the forest habitats is a long process, the passive management, which needs to be supported, plays an important role here).

Expected outcomes:

- the status of habitats and species is maintained or improved,
- degraded wet forest habitats are restored (2000 ha),
- the water regime of other forest habitats is restored in several sites,
- the quality of the habitats for *Tetrao urogallus* is improved in several sites.

F.3 Strategic priorities in relation to investments in Natura 2000 linked to green tourism and jobs, to support climate change mitigation and adaptation or other ecosystem benefits, for research, education, training, awareness and promotion of co-operation (including cross-border) linked to Natura 2000 management

Green infrastructure:

- analysis of coherence of existing Estonian Green Network (infrastructure),
- coherent Natura 2000 network with appropriate protection and management measures,
- improved connectivity between Natura 2000 sites (4 functional ecoducts and 20 functional animal tunnels are constructed).

Climate change mitigation and adaptations:

- degraded mires are restored (9900 ha),
- degraded wet forest habitats are restored (2000 ha).

Green tourism and jobs

- the infrastructure for visitors in Natura 2000 sites is in place (incl. determining the impacts of visiting pressure and mapping the visiting needs),
- IT-services developed (the boundaries and restrictions of protected areas, tourist information, visiting opportunities),
- necessary information about nature values available ,
- more effective private-public partnerships of the companies in Natura 2000 sites in place,
- involvement of volunteers in nature conservation is more effective.

Ecosystems benefits and awareness

- assessment of ecosystem services,
- enhancement of nature education,
- development of nature conservation science,
- improvement of communication with stakeholders.

G Description of key measures to achieve priorities

G.1.a General Priority Measures for Natura 2000

Type of activity	Description of measure	Target species/habitats/sites	Potential Financing sources*
8	Updating the protection regime	All sites	National public
5, 8	Compilation and updating the management plans	All sites	National public, Life
5, 8	Compilation and updating the action plans for species	All species	National public, Life
5, 8	Compilation and updating the action plans for habitat groups	All habitat groups	National public, Life, EMFF
2	Inventories	All	National public, ERDF, EMFF
17	Monitoring	All	National public, ERDF, EMFF
17	Data management	All	National public, ERDF
23	Land purchases	Mainly forest habitat types and species	National public
14	Eradication of invasive alien species (<i>Heracleum mantegazzianum</i> , <i>Heracleum sosnowskyi</i> , <i>Nyctereutes procyonoides</i> , <i>Impatiens glandulifera</i> , <i>Pacifascatus leniusculus</i> , etc) and raising awareness on invasive alies species	All	National public, Life
16	Compensation of damages caused by protected species	<i>Halichoerus grypus</i> , <i>Phoca hispida bottnica</i> , <i>Mustela lutreola</i> , <i>Haliaeetus albicilla</i> , <i>Pandion haliaetus</i> , <i>Grus grus</i> , <i>Anser fabalis</i> , <i>Anser albifrons</i> , <i>Anser erythropus</i> , <i>Anser anser</i> , <i>Branta leucopsis</i>	National public

12, 13	Transboundary cooperation	All	INTERREG, Life
2	Studies on population genetics	<i>Ciconia nigra, Aquila pomarina, Aquila clanga, Bufo calamita, Rhinanthus osiliensis, Saussurea alpina ssp esthonica, Dianthus arenarius ssp arenarius, Margaritifera margaritifera</i>	National public, Life

*Funding sources: EAFRD; ERDF, EFF; ESF, LIFE, National public, Private sources

G.1.b Priority Measures for Natura 2000 agricultural and forest habitats and species

Type of activity	Description of measure	Target species/habitats/sites	Potential Financing sources*
15	Subsidy for management of semi-natural habitats	1630, 4030, 5130, 6210, 6270, 6280, 6410, 6430, 6450, 6510, 6530, 7230, 9070, <i>Agrimonia pilosa, Angelica palustris, Cypripedium calceolus, Dianthus arenarius ssp arenarius, Pulsatilla patens, Saussurea alpina ssp esthonica, Saxifraga hirculus, Ligularia sibirica, Sisymbrium supinum, Thesium ebracteatum, Encalypta mutica, Tortella rigens, Euphydrias aurinia, Cygnus columbianus, Anser fabalis, Anser albifrons, Anser erythropus, Anser anser, Branta leucopsis, Branta bernicla, Anas penelope, Anas strepera, Anas querquedula, Anas clypeata, Gallinago gallinago, Gallinago media, Vanellus vanellus, Crex crex, Numenius arquata, Limosa limosa, Philomachus pugnax, Circus aeruginosus, Ciconia ciconia, Ciconia nigra, Cygnus cygnus, Circus cyaneus, Circus pygargus, Aquila pomarina, Aquila clanga, Falco tinnunculus, Tetrao tetrix, Perdix perdix, Grus grus, Calidris alpina szhincii, Larus minutus, Chlidonias niger, Asio flammeus, Coracias garrulus, Sylvia nisoria, Lanius collurio, Emberiza hortulana</i>	EAFRD
12	Restoration of semi-natural habitats	1630, 4030, 5130, 6210, 6270, 6280, 6410, 6430, 6450, 6510, 6530, 7230, 9070, <i>Agrimonia pilosa, Angelica palustris, Cypripedium calceolus, Dianthus arenarius ssp arenarius, Pulsatilla patens, Saussurea alpina ssp esthonica, Saxifraga hirculus, Ligularia sibirica, Sisymbrium supinum, Thesium ebracteatum, Encalypta mutica, Tortella rigens, Euphydrias aurinia, Cygnus columbianus, Anser fabalis, Anser albifrons, Anser erythropus, Anser anser, Branta leucopsis, Branta bernicla, Anas penelope,</i>	National public, ERDF/CF, Life

		<i>Anas strepera</i> , <i>Anas querquedula</i> , <i>Anas clypeata</i> , <i>Gallinago gallinago</i> , <i>Gallinago media</i> , <i>Vanellus vanellus</i> , <i>Crex crex</i> , <i>Numenius arquata</i> , <i>Limosa limosa</i> , <i>Philomachus pugnax</i> , <i>Circus aeruginosus</i> , <i>Ciconia ciconia</i> , <i>Ciconia nigra</i> , <i>Cygnus cygnus</i> , <i>Circus cyaneus</i> , <i>Circus pygargus</i> , <i>Aquila pomarina</i> , <i>Aquila clanga</i> , <i>Falco tinnunculus</i> , <i>Tetrao tetrix</i> , <i>Perdix perdix</i> , <i>Grus grus</i> , <i>Calidris alpina szhincii</i> , <i>Larus minutus</i> , <i>Chlidonias niger</i> , <i>Asio flammeus</i> , <i>Coracias garrulus</i> , <i>Sylvia nisoria</i> , <i>Lanius collurio</i> , <i>Emberiza hortulana</i>	
24	Restoration of water regime of semi-natural habitats	1630, 6450, 7230, <i>Saussurea alpina ssp esthonica</i> , <i>Ligularia sibirica</i> , <i>Vertigo angustior</i> , <i>Vertigo genesii</i> , <i>Vertigo geyerii</i> , <i>Philomachus pugnax</i> , <i>Gallinago gallinago</i> , <i>Gallinago media</i> , <i>Angelica palustris</i> , <i>Cygnus columbianus</i> , <i>Cygnus cygnus</i> , <i>Anser fabalis</i> , <i>Anser albifrons</i> , <i>Anser erythropus</i> , <i>Anser anser</i> , <i>Branta leucopsis</i> , <i>Branta bernicla</i> , <i>Vanellus vanellus</i> , <i>Crex crex</i> , <i>Circus aeruginosus</i> , <i>Circus cyaneus</i> , <i>Circus pygargus</i> , <i>Aquila pomarina</i> , <i>Aquila clanga</i> , <i>Grus grus</i> , <i>Calidris alpina szhincii</i> , <i>Numenius arquata</i> , <i>Larus minutus</i> , <i>Asio flammeus</i>	ERDF/CF, Life, national public
24	Restoration of infrastructure needed for the management of semi-natural habitats	1630, 6210, 6270, 6280, 6450, <i>Angelica palustris</i> , <i>Philomachus pugnax</i> , <i>Gallinago gallinago</i> , <i>Gallinago media</i> , <i>Cygnus columbianus</i> , <i>Cygnus cygnus</i> , <i>Anser fabalis</i> , <i>Anser albifrons</i> , <i>Anser erythropus</i> , <i>Anser anser</i> , <i>Branta leucopsis</i> , <i>Branta bernicla</i> , <i>Vanellus vanellus</i> , <i>Crex crex</i> , <i>Circus aeruginosus</i> , <i>Circus cyaneus</i> , <i>Circus pygargus</i> , <i>Aquila pomarina</i> , <i>Aquila clanga</i> , <i>Grus grus</i> , <i>Calidris alpina szhincii</i> , <i>Numenius arquata</i> , <i>Larus minutus</i> , <i>Asio flammeus</i>	ERDF/CF, Life, national public
24	Providing cattle and specific machineries for the management of semi-natural habitats	1630, 6210, 6270, 6280, 6450, 6530, 9070, <i>Angelica palustris</i> , <i>Bufo calamita</i> , <i>Philomachus pugnax</i> , <i>Gallinago gallinago</i> , <i>Gallinago media</i> , <i>Cygnus columbianus</i> , <i>Cygnus cygnus</i> , <i>Anser fabalis</i> , <i>Anser albifrons</i> , <i>Anser erythropus</i> , <i>Anser anser</i> , <i>Branta leucopsis</i> , <i>Branta bernicla</i> , <i>Vanellus vanellus</i> , <i>Crex crex</i> , <i>Circus aeruginosus</i> , <i>Circus cyaneus</i> , <i>Circus pygargus</i> , <i>Aquila pomarina</i> , <i>Aquila clanga</i> , <i>Grus grus</i> , <i>Calidris alpina szhincii</i> , <i>Numenius arquata</i> , <i>Larus minutus</i> , <i>Asio flammeus</i>	ERDF/CF, Life, national public
15	Subsidy for protection measures of agricultural species	Species depending on agriculture	EAFRD

16	Subsidy for Natura 2000 private forest owners	2180, 9010, 9020, 9050, 9060, 9080, 9180, 91D0, 91E0, 91F0, <i>Pteromys volans</i> , <i>Cinna latifolia</i> , <i>Cypripedium calceolus</i> , <i>Moehringia lateriflora</i> , <i>Buxbaumia viridis</i> , <i>Dichelyma capillaceum</i> , <i>Dicranum viride</i> , <i>Boros schneideri</i> , <i>Ciconia nigra</i> , <i>Cucujus cinnaberinus</i> , <i>Oxyporus mannerheimii</i> , <i>Pernis apivorus</i> , <i>Haliaeetus albicilla</i> , <i>Circaetus gallicus</i> , <i>Accipiter gentilis</i> , <i>Accipiter nisus</i> , <i>Buteo buteo</i> , <i>Aquila pomarina</i> , <i>Aquila clanga</i> , <i>Aquila chrysaetus</i> , <i>Pandion haliaetus</i> , <i>Falco colombarius</i> , <i>Bonasa bonasia</i> , <i>Tetrao tetrix</i> , <i>Tetrao urogallus</i> , <i>Grus grus</i> , <i>Columba oenas</i> , <i>Bubo bubo</i> , <i>Glaucidium passerinum</i> , <i>Strix uralensis</i> , <i>Aegolius funereus</i> , <i>Caprimulgus europaeus</i> , <i>Jynx torquilla</i> , <i>Picus canus</i> , <i>Picus viridis</i> , <i>Dryocopus martius</i> , <i>Dryocopus leucotos</i> , <i>Dryocopus minor</i> , <i>Picoides tridactylus</i> , <i>Luscinia svecica</i> , <i>Ficedula parva</i> , <i>Loxia pytyopsittacus</i>	EAFRD
24	Restoration of water regime of forest habitats	9010, 9080, 91D0, 91E0, 91F0, <i>Pteromys volans</i> , <i>Cinna latifolia</i> , <i>Cypripedium calceolus</i> , <i>Moehringia lateriflora</i> , <i>Buxbaumia viridis</i> , <i>Dichelyma capillaceum</i> , <i>Dicranum viride</i> , <i>Boros schneideri</i> , <i>Ciconia nigra</i> , <i>Cucujus cinnaberinus</i> , <i>Oxyporus mannerheimii</i> , <i>Pernis apivorus</i> , <i>Haliaeetus albicilla</i> , <i>Circaetus gallicus</i> , <i>Accipiter gentilis</i> , <i>Accipiter nisus</i> , <i>Buteo buteo</i> , <i>Aquila pomarina</i> , <i>Aquila clanga</i> , <i>Aquila chrysaetus</i> , <i>Pandion haliaetus</i> , <i>Falco colombarius</i> , <i>Bonasa bonasia</i> , <i>Tetrao tetrix</i> , <i>Tetrao urogallus</i> , <i>Grus grus</i> , <i>Columba oenas</i> , <i>Bubo bubo</i> , <i>Glaucidium passerinum</i> , <i>Strix uralensis</i> , <i>Aegolius funereus</i> , <i>Caprimulgus europaeus</i> , <i>Jynx torquilla</i> , <i>Picus canus</i> , <i>Picus viridis</i> , <i>Dryocopus martius</i> , <i>Dryocopus leucotos</i> , <i>Dryocopus minor</i> , <i>Picoides tridactylus</i> , <i>Luscinia svecica</i> , <i>Ficedula parva</i> , <i>Loxia pytyopsittacus</i> ,	ERDF/CF, Life, national public
16	Subsidy for Natura 2000 agricultural land users	<i>Cygnus columbianus</i> , <i>Cygnus cygnus</i> , <i>Anser fabalis</i> , <i>Anser albifrons</i> , <i>Anser erythropus</i> , <i>Anser anser</i> , <i>Branta leucopsis</i> , <i>Branta bernicla</i> , <i>Buteo buteo</i> , <i>Aquila clanga</i> , <i>Aquila pomarina</i> , <i>Crex crex</i> , <i>Numenius arquata</i> , <i>Emberiza hortulana</i> , <i>Alauda arvensis</i> , <i>Vanellus vanellus</i> , <i>Ciconia ciconia</i> , <i>Aquila pomarina</i> , <i>Aquila clanga</i> , <i>Falco tinnunculus</i> , <i>Perdix perdix</i> , <i>Grus grus</i> , <i>Coracias garrulus</i> ,	EAFRD
24, 13	Restoration and regulation of water regime of polders in	<i>Cygnus columbianus</i> , <i>Cygnus cygnus</i> , <i>Anser fabalis</i> , <i>Anser albifrons</i> , <i>Branta leucopsis</i> , <i>Anas crecca</i> , <i>Anas platyrhynchos</i> , <i>Anas acuta</i> , <i>Anas</i>	EAFRD, national public, private

	Natura 2000 sites	<i>clypeata, Anas querquedula, Chlidonias niger, Larus minutus, Asio flammeus, Lanius collurio Numenius arquata, Pluvialis apricaria</i>	sources
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*Funding sources: EAFRD; ERDF, EFF; ESF, LIFE, National public, Private sources

G.1.c Priority Measures for Natura 2000 marine and coastal habitats and species

Type of activity	Description of measure	Target species/habitats/sites	Potential Financing sources*
2	Inventories of marine habitats and species	1110, 1170, <i>Gavia stellata, Gavia arctica, Clangula hyemalis, Bucephala clangula, Mergus albellus, Mergus serrator, Mergus merganser, Melanitta nigra, Melanitta fusca, Polysticta stellari, Somateria mollissima, Larus argentatus, Larus canus, Larus minutus</i>	EEA grants, EMFF, Life, national public
24	Restoration of coastal habitats and dunes	1150, 2130, 2330, 4030, <i>Lacerta agilis, Bufo calamita, Pulsatilla patens, Dianthus arenarius ssp arenarius</i>	ERDF/CF, Life, national public
24	<i>Ex situ</i> actions	<i>Bufo calamita</i>	ERDF/CF, Life, national public
2	Study on conflicts of seals and fishery, incl bycatch and sealproof nets	<i>Halichoerus grypus, Phoca hispida bottnica</i>	EMFF
2	Study on anthropogenic pressures on seabirds and waterfowl (wind parks, dredging and dumping, bycatch)	<i>Gavia stellata, Gavia arctica, Clangula hyemalis, Bucephala clangula, Mergus albellus, Mergus serrator, Mergus merganser, Melanitta nigra, Melanitta fusca, Polysticta stelleri, Somateria mollissima, Larus argentatus, Larus canus, Larus minutus</i>	EEA grants, EMFF, Life, national public

*Funding sources: EAFRD; ERDF, EFF; ESF, LIFE, National public, Private sources

G.1.d Priority Measures for Natura 2000 wetlands habitats and species (including peatlands)

Type of activity	Description of measure	Target species/habitats/sites	Potential Financing sources*
24	Restoration of mires	7110, 7120, 7140, 7160, 7210, 7220, 7230, <i>Drepanocladus (Hamatocaulis) vernicosus, Ligularia sibirica, Liparis loeselii,</i>	ERDF/CF, Life

		<i>Rhinanthus oesiliensis, Saussurea alpina esthonica, Saxifraga hirculus, Vertigo angustior, Vertigo genesii, Vertigo geyeri, Tetrao urogallus, Philomachus pugnax, Limosa limosa, Vanellus vanellus, Pluvialis apricaria, Lagopus lagopus, Calidris alpina szhincii</i>	
24	Restoration of river habitats	<i>Acipenser sturio, Mustela lutreola, Margaritifera margaritifera, Aspius aspius, Cottus gobio, Misgurnus fossilis</i>	ERDF/CF, EEA grants, Life
24	Restoration of migratory routes	<i>Salmo salar, Lampetra fluviatilis</i>	ERDF/CF, Life
24	<i>Ex situ</i> species protection actions	<i>Acipenser sturio, Mustela lutreola, Margaritifera margaritifera, Aspius aspius</i>	ERDF/CF, Life, EEA grants, national public
13	Reintroduction of species	<i>Acipenser sturio, Mustela lutreola, Margaritifera margaritifera, Aspius aspius</i>	ERDF/CF, Life, EEA grants, national public
24	Restoration of water regime	3110, 3130, 3140, 3150, 3260	ERDF/CF, Life, national public
5	Integration of management plans of water habitats to water management plans	All freshwater habitats and species	National public
24	Restoration of feeding sites	<i>Ciconia nigra</i> , 3260	Life, ERDF/CF, national public
15	Regional support for nitrate vulnerable area	3110, 3130, 3140, 3150, 3180, 3260, 7160, 7220, freshwater species	EAFRD
24	Investment support for construction or reconstruction of manure storages	3110, 3130, 3140, 3150, 3180, 3260	EAFRD
13	Restoration of habitats of amphibians	<i>Triturus cristatus, Bufo calamita</i>	ERDF/CF, Life, national public

*Funding sources: EAFRD; ERDF, EFF; ESF, LIFE, National public, Private sources

G.2 Other priority measures

G.2.a Priority Measures for securing ecosystem benefits of Natura 2000, especially in relation to climate change mitigation and adaptation

Type of activity	Description of measure	Target species/habitats/sites	Potential Financing sources*
2	Analysis of coherence of existing thematic plan - green infrastructure	All	Life, national public
22	Determining the impacts of visiting pressures and mapping visiting needs	All sites	National public
25	Restoration and creation of infrastructure for public use	All sites	ERDF/CF, national public
20, 21	Raising awareness	All	National public
24	Construction of ecoducts and tunnels	Mammals, birds, amphibians, reptiles, insects	ERDF/CF
24	Restoration of mires	7110, 7120, 7140, 7160, 7210, 7220, 7230, <i>Drepanocladus (Hamatocaulis) vernicosus</i> , <i>Ligularia sibirica</i> , <i>Liparis loeselii</i> , <i>Rhinanthus oesiliensis</i> , <i>Saussurea alpina esthonica</i> , <i>Saxifraga hirculus</i> , <i>Vertigo angustior</i> , <i>Vertigo genesii</i> , <i>Vertigo geyeri</i> , <i>Tetrao urogallus</i> , <i>Philomachus pugnax</i> , <i>Limosa limosa</i> , <i>Vanellus vanellus</i> , <i>Pluvialis apricaria</i> , <i>Lagopus lagopus</i> , <i>Calidris alpina szhincii</i>	ERDF/CF, Life
24	Electric power lines connected works	<i>Ciconia nigra</i> , <i>Ciconia ciconia</i> , <i>Haliaeetus albicilla</i> , <i>Aquila pomarina</i> , <i>Aquila clanga</i> , <i>Pandion haliaetus</i> , <i>Cygnus olor</i> , <i>Cygnus columbianus</i> , <i>Cygnus cygnus</i> , <i>Bubo bubo</i> , <i>Strix uralensis</i> , <i>Aegolius funereus</i> ,	Life, national public, private
21	Effective involvement of volunteers in nature conservation	All	National public

21	More effective public-private partnerships for the companies in the protected areas	All	National public, private source
21	Assessment of ecosystem benefits	All	National public
21	Enhancement of nature education	All	National public
21	Development of nature conservation science	All	National public
21	Communication	All	National public, Life

**Funding sources: EAFRD; ERDF, EFF; ESF, LIFE, National public, Private sources*

G.3 Summary table of priority measures per habitat type and species

Feature (habitat type or species)	Conservation status (code from HD Article 17 report or BD Article 12 report)	Pressures and threats (codes from HD Article 17 report or BD Article 12 report)	Priority measure (from section G of PAF, possibly by coding)
1110	FV	300, 900, 952	Inventories
1170	FV	212, 490, 513, 623, 952	Inventories
1150	FV	141, 810, 850, 920, 951, 990	Restoration of habitat, management of surroundings
1630	U1-	141, 400, 810, 954	Restoration of habitat, restoration of water regime, subsidy for management of semi-natural habitats, restoration of infrastructure needed for the management of semi-natural habitats, providing cattle and specific machineries for the management of semi-natural habitats
2130	FV	401, 501, 608, 622, 629, 720, 900, 944, 950	Restoration of habitat

2330	U1	160, 163, 400, 620, 900, 950	Restoration of habitat
3110, 3130, 3140	U2-	600, 701, 403, 421, 900, 979	Investment support for construction or reconstruction of manure storages, regional support for nitrate vulnerable areas, restoration of water regime
3150	U1-	100, 403, 701, 900, 951	Investment support for construction or reconstruction of manure storages, regional support for nitrate vulnerable areas, restoration of water regime
3180	U2	330, 701	Investment support for construction or reconstruction of manure storages, regional support for nitrate vulnerable areas
3260	U1	120, 160, 400, 421, 513, 701 810, 830, 850, 853, 890	Investment support for construction or reconstruction of manure storages, regional support for nitrate vulnerable areas, restoration of spawning areas, migratory routes
4030	XX	101, 950	Restoration of habitat, subsidy for management of semi-natural habitats
5130, 6410, 6430, 6510	FV	141, 161, 400, 950	Restoration of habitat, subsidy for management of semi-natural habitats
6210, 6270, 6280	U1-	100, 120, 141, 161, 300 331, 400, 850, 990	Restoration of habitat, subsidy for management of semi-natural habitats, restoration of infrastructure needed for the management of semi-natural habitats, providing cattle and specific machineries for the management of semi-natural habitats
6450	U1-	141, 850, 852, 853, 990	Restoration of habitat, restoration of water regime, subsidy for management of semi-natural habitats, restoration of infrastructure needed for the management of semi-natural habitats, Providing cattle and specific machineries for the management of semi-natural habitats
6510	FV	100, 120, 141, 161, 400, 810	Subsidy for management of semi-natural habitats, restoration of semi-natural habitats
6530	U1	120, 141, 400, 810, 990	Restoration of habitat, subsidy for management of semi-natural habitats, providing cattle and specific

			machineries for the management of semi-natural habitats
7110, 7140, 7160	U1-	100, 310, 400, 810, 850, 950, 954	Restoration of mires
7120	U1	310, 810, 850	Restoration of mires
7210	U2-	100, 310, 400, 810, 850, 950, 954	Restoration of mires
7220	XX	400, 810, 850, 950	Restoration
7230	U2	100, 120, 141, 400, 810, 850, 890, 950, 952, 954	Restoration of mires, restoration of water regime, subsidy for management of semi-natural habitats, restoration of semi-natural habitats
8240	U1	141, 400, 950	Subsidy for management of semi-natural habitats
9010, 9080	U2	160, 400, 500, 810, 850, 890, 950, 951	Subsidy for private forest owners, restoration of water regime of forest
9020	U2	160, 400, 500	Subsidy for private forest owners
9050, 9060	U1	160, 300, 400, 500, 600	Subsidy for private forest owners
91D0, 91E0, 91F0	U1	160, 810, 850, 853	Subsidy for private forest owners, restoration of water regime of forest
9070	U1	141, 160, 400	Subsidy for management of semi-natural habitats, restoration of habitat, providing cattle and specific machineries for the management of semi-natural habitats
<i>Agrimonia pilosa</i>	FV	101, 509, 990	Subsidy for management of semi-natural habitats, restoration of semi-natural habitats
<i>Angelica palustris</i>	U1	141, 401, 811, 853	Subsidy for management of semi-natural habitats, restoration of habitats, restoration of water regime of semi-natural habitats, restoration of infrastructure needed for the management of semi-natural habitats, providing cattle and specific machineries for the management of semi-natural habitats
<i>Cinna latifolia</i>	U1-	164, 810, 853, 990	Subsidy for private forest owners, restoration of water regime of forest habitat, studies on population genetics
<i>Cypripedium calceolus</i>	U1	141, 164, 990	Subsidy for private forest owners, restoration of water regime of forest, subsidy for management of semi-

			natural habitats, restoration of semi-natural habitats
<i>Dianthus arenarius ssp arenarius</i>	U1	160, 401, 608	Restoration of habitats, subsidy for management of semi-natural habitats, studies on population genetics
<i>Ligularia sibirica</i>	U1-	141, 160, 250, 810	Subsidy for management of semi-natural habitats, restoration of semi-natural habitats, restoration of mires, restoration of water regime
<i>Liparis loeselii</i>	U1	390, 810, 990	Restoration of mires
<i>Moehringia lateriflora</i>	FV	000	Subsidy for Natura 2000 private forest owner, restoration of water regime of forest
<i>Pulsatilla patens</i>	U1	160, 250, 971	Restoration of habitat, subsidy for management of semi-natural habitats
<i>Rhinanthus oesiliensis</i>	FV	810, 950, 990	Restoration of mires, subsidy for management of semi-natural habitats, restoration of semi-natural habitats, studies on population genetics
<i>Saussurea alpina esthonica</i>	U1-	101, 141, 421, 853	Restoration of mires, restoration of water regime, subsidy for management of semi-natural habitats, restoration of semi-natural habitats, studies on population genetics
<i>Saxifraga hirculus</i>	U1	141, 310, 810	Restoration of mires, subsidy for management of semi-natural habitats, restoration of semi-natural habitats
<i>Sisymbrium supinum</i>	U1	141, 161, 331	Subsidy for management of semi-natural habitats, restoration of semi-natural habitats
<i>Thesium ebracteatum</i>	U1	141	Subsidy for management of semi-natural habitats
<i>Buxbaumia viridis</i>	U2	160, 161, 162, 163, 164, 165, 166, 167, 501, 720, 810	Subsidy for private forest owners, restoration of water regime of forest habitat
<i>Dichelyma capillaceum</i>	U1	160, 161, 162, 163, 164, 165, 166, 167, 810, 811, 852	Subsidy for private forest owners, restoration of water regime of forest habitat
<i>Encalypta mutica</i>	XX	141	Subsidy for management of semi-natural habitats, restoration of semi-natural habitats
<i>Dicranum viride</i>	XX	160, 161, 162, 163, 164,	Subsidy for private forest owners, restoration of water

		165, 166, 167, 501, 620	regime of forest
<i>Tortella rigens</i>	U1	141	Subsidy for management of semi-natural habitats
<i>Boros schneideri</i> <i>Cucujus cinnaberinus</i>	U1	162, 164, 166, 502, 944, 976	Subsidy for private forest owners, restoration of water regime of forest
<i>Euphydryas aurinia</i>	U1	100, 141, 150, 400, 410 600, 950	Subsidy for management of semi-natural habitats, restoration of semi-natural habitats
<i>Margaritifera margaritifera</i>	U2	160, 810, 852, 951, 990	<i>Ex situ</i> actions, restoration of habitat, re-introduction of species
<i>Oxyporus mannerheimii</i>	XX	160	Subsidy for private forest owners
<i>Unio crassus</i>	U1	701, 810, 820, 830, 850, 852, 853	<i>Ex situ</i> actions, restoration of habitat
<i>Vertigo angustior</i> <i>Vertigo genesii</i> <i>Vertigo geyeri</i>	XX	120, 160, 850	Restoration of water regime, restoration of mires
<i>Aspius aspius</i>	U1	210, 290, 701, 810, 850, 890	Restoration of spawning area, <i>ex situ</i> actions
<i>Cottus cobio</i>	XX	701, 810, 830, 850, 852, 853, 952	Restoration of spawning areas
<i>Misgurnus fossilis</i>	U1-	701, 810, 830, 850, 852, 853, 890	Restoration of spawning areas
<i>Lampetra fluviatilis</i> <i>Salmo salar</i>	U1	210, 290, 701, 810, 830, 850, 852, 853, 890	Restoration of migratory routes
<i>Bufo calamita</i>	U1	101, 141, 920	<i>Ex situ</i> actions, restoration of habitats, providing cattle and specific machineries for the management of semi-natural habitats, studies on population genetics
<i>Lacerta agilis</i>	U1	990	Restoration of habitats
<i>Triturus cristatus</i>	U1	141, 803, 890	Restoration of habitats
<i>Mustela lutreola</i>	U2+	151, 409, 810, 811, 820 852	<i>Ex situ</i> actions, reintroduction of species in Saaremaa, restoration of habitats in Hiiumaa, studies on population genetics, compensation of damages caused by protected species
<i>Myotis dasycneme</i>	U1	141, 151, 164, 166, 401,	Appropriate management of hibernation sites

		502, 709, 710, 803	
<i>Pteromys volans</i>	U2-	160, 940, 990	Subsidy for private forest owners, planning and maintaining of stepping stones, restoration of water regime of forest
<i>Halichoerus grypus</i>	U1	211, 243, 621, 701, 730, 990	Study on conflicts of seals and fishery, incl bycatch and sealproof nets, compensation of damages caused by protected species
<i>Phoca hispida bottnica</i>	U1-	211, 243, 507, 520, 701, 709, 710, 730, 851, 990	Study on conflicts of seals and fishery, incl bycatch and sealproof nets, compensation of damages caused by protected species
<i>Gavia stellata</i> <i>Gavia arctica</i>			Offshore inventories, study on anthropogenic pressures on seabirds and waterfowl (wind parks, dredging and dumping, bycatch)
<i>Ciconia ciconia</i>			Electric power lines connected works
<i>Ciconia nigra</i>			Subsidy for Natura 2000 private forest owners, restoration of water regime of forest, subsidy for management of semi-natural habitats, restoration of semi-natural habitats, studies on population genetic, restoration of feeding sites, electric power lines connected works
<i>Cygnus columbianus</i>			Subsidy for management of semi-natural habitats, restoration of semi-natural habitats, restoration of water regime of semi-natural habitats, restoration of infrastructure needed for the management of semi-natural habitats, providing cattle and specific machineries for the management of semi-natural habitats, subsidy for Natura 2000 agricultural land user, restoration and regulation of water regime of polders in Natura 2000 sites, electric power lines connected works
<i>Cygnus cygnus</i>			Subsidy for management of semi-natural habitats, restoration of semi-natural habitats, restoration of water regime of semi-natural habitats, restoration of

			infrastructure needed for the management of semi-natural habitats, providing cattle and specific machineries for the management of semi-natural habitats, subsidy for Natura 2000 agricultural land users, restoration and regulation of water regime of polders in Natura 2000 sites, electric power lines connected works
<i>Anser fabalis</i> <i>Anser albifrons</i> <i>Branta leucopsis</i>			Subsidy for management of semi-natural habitats, restoration of semi-natural habitats, restoration of water regime of semi-natural habitats, restoration of infrastructure needed for the management of semi-natural habitats, providing cattle and specific machineries for the management of semi-natural habitats, subsidy for Natura 2000 agricultural land users, restoration and regulation of water regime of polders in Natura 2000 sites, compensation of damages caused by protected species
<i>Anser erythropus</i> <i>Anser anser</i> <i>Branta bernicla</i>			Subsidy for management of semi-natural habitats, restoration of semi-natural habitats, restoration of water regime of semi-natural habitats, restoration of infrastructure needed for the management of semi-natural habitats, providing cattle and specific machineries for the management of semi-natural habitats, subsidy for Natura 2000 agricultural land users, compensation of damages caused by protected species
<i>Anas penelope</i> <i>Anas strepera</i>			Management of semi-natural habitats, restoration of semi-natural habitats
<i>Anas querquedula</i> <i>Anas clypeata</i>			Management of semi-natural habitats, restoration of semi-natural habitats, restoration and regulation of water regime of polders in Natura 2000 sites
<i>Anas crecca</i> <i>Anas platyrhynchos</i> <i>Anas acuta</i>			Restoration and regulation of water regime of polders in Natura 2000 sites

<i>Somateria mollissima</i> <i>Clangula hyemalis</i> <i>Melanitta nigra</i> <i>Melanitta fusca</i> <i>Polysticta stellari</i> <i>Bucephala clangula</i> <i>Mergus albellus</i> <i>Mergus serrator</i> <i>Mergus merganser</i>			Offshore inventories, study on anthropogenic pressures on seabirds and waterfowl (wind parks, dredging and dumping, bycatch)
<i>Circus aeruginosus</i> <i>Circus cyaneus</i> <i>Circus pygargus</i>			Subsidy for management of semi-natural habitats, restoration of semi-natural habitats, restoration of water regime of semi-natural habitats, restoration of infrastructure needed for the management of semi-natural habitats, providing cattle and specific machineries for the management of semi-natural habitats
<i>Buteo buteo</i>			Subsidy for Natura 2000 private forest owners, restoration of water regime of forest, subsidy for Natura 2000 agricultural land users
<i>Aquila pomarina</i> <i>Aquila clanga</i>			Subsidy for management of semi-natural habitats, restoration of semi-natural habitats, restoration of water regime of semi-natural habitats, restoration of infrastructure needed for the management of semi-natural habitats, providing cattle and specific machineries for the management of semi-natural habitats, subsidy for Natura 2000 agricultural land users, subsidy of Natura 2000 private forest owners, restoration of water regime of forest, electric power lines connected works, studies on population genetic
<i>Aquila chrysaetos</i>			Subsidy for Natura 2000 private forest owners, restoration of water regime of forest
<i>Haliaeetus albicilla</i> <i>Pandion haliaetus</i>			Subsidy for Natura 2000 private forest owners, restoration of water regime of forest, electric power lines

			connected works, compensation of damages caused by protected species
<i>Pernis apivorus</i> <i>Aquila chrysaetos</i> <i>Circaetus gallicus</i> <i>Accipiter gentiles</i> <i>Accipiter nisus</i>			Subsidy for Natura 2000 private forest owners, restoration of water regime of forest
<i>Falco tinnunculus</i>			Subsidy for management of semi-natural habitats, restoration of semi-natural habitats, subsidy for Natura 2000 agricultural land users,
<i>Falco columbarius</i>			Subsidy for Natura 2000 private forest owners, restoration of water regime of forest
<i>Bonasa bonasia</i>			Subsidy for Natura 2000 private forest owners, restoration of water regime of forest
<i>Lagopus lagopus</i>			Restoration of mires
<i>Tetrao tetrix</i>			Subsidy for Natura 2000 private forest owners, restoration of water regime of forest, subsidy for management of semi-natural habitats, restoration of semi-natural habitats
<i>Tetrao urogallus</i>			Subsidy for Natura 2000 private forest owners, restoration of water regime of forest, restoration of mires, planning and maintaining of stepping stones
<i>Perdix perdix</i>			Subsidy for management of semi-natural habitats, restoration of semi-natural habitats, subsidy for Natura 2000 agricultural land users
<i>Crex crex</i>			Subsidy for management of semi-natural habitats, restoration of semi-natural habitats, restoration of water regime of semi-natural habitats, restoration of infrastructure needed for the management of semi-natural habitats, providing cattle and specific machineries for the management of semi-natural habitats, subsidy for Natura 2000 agricultural land users

<i>Grus grus</i>			Subsidy for management of semi-natural habitats, restoration of semi-natural habitats, restoration of water regime of semi-natural habitats, restoration of infrastructure needed for the management of semi-natural habitats, providing cattle and specific machineries for the management of semi-natural habitats, subsidy for Natura 2000 agricultural land users, subsidy for Natura 2000 private forest owners, restoration of water regime of forest, compensation of damages caused by protected species
<i>Pluvialis apricaria</i>			Restoration of mires, restoration and regulation of water regime of polders in Natura 2000 sites
<i>Pluvialis squatarola</i>			Subsidy for management of semi-natural habitats, restoration of semi-natural habitats
<i>Vanellus vanellus</i>			Subsidy for management of semi-natural habitats, restoration of semi-natural habitats, restoration of water regime of semi-natural habitats, restoration of infrastructure needed for the management of semi-natural habitats, providing cattle and specific machineries for the management of semi-natural habitats, restoration of mires, subsidy for Natura 2000 agricultural land users
<i>Calidris alpina schinzii</i>			Subsidy for management of semi-natural habitats, restoration of semi-natural habitats, restoration of water regime of semi-natural habitats, restoration of infrastructure needed for the management of semi-natural habitats, providing cattle and specific machineries for the management of semi-natural habitats, restoration of mires

<i>Philomachus pugnax</i>			Management of semi-natural habitats, restoration of semi-natural habitats, restoration of water regime of semi-natural habitats, restoration of infrastructure needed for the management of semi-natural habitats, providing cattle and specific machineries for the management of semi-natural habitats, restoration of mires
<i>Gallinago media</i> <i>Gallinago gallinago</i>			Management of semi-natural habitats, restoration of semi-natural habitats, restoration of water regime of semi-natural habitats, restoration of infrastructure needed for the management of semi-natural habitats, providing cattle and specific machineries for the management of semi-natural habitats
<i>Limosa limosa</i>			Management of semi-natural habitats, restoration of semi-natural habitats, restoration of mires
<i>Limosa lapponica</i>			Management of semi-natural habitats, restoration of semi-natural habitats
<i>Numenius arquata</i>			Subsidy for management of semi-natural habitats, restoration of semi-natural habitats, restoration of water regime of semi-natural habitats, restoration of infrastructure needed for the management of semi-natural habitats, providing cattle and specific machineries for the management of semi-natural habitats, subsidy for protection measures of agricultural species, subsidy for Natura 2000 agricultural land users, restoration and regulation of water regime of polders in Natura 2000 sites
<i>Tringa erythropus</i> <i>Tringa totanus</i>			Subsidy for management of semi-natural habitats, restoration of semi-natural habitats
<i>Phalaropus lobatus</i>			Subsidy for management of semi-natural habitats, restoration of semi-natural habitats

<i>Larus minutus</i>			Subsidy for management of semi-natural habitats, restoration of semi-natural habitats, restoration of water regime of semi-natural habitats, restoration of infrastructure needed for the management of semi-natural habitats, providing cattle and specific machineries for the management of semi-natural habitats, restoration and regulation of water regime of polders in Natura 2000 sites, offshore inventories, study on anthropogenic pressures on seabirds and waterfowl (wind parks, dredging and dumping, bycatch)
<i>Larus argenatus</i> <i>Larus canus</i>			Offshore inventories, study on anthropogenic pressures on seabirds and waterfowl (wind parks, dredging and dumping, bycatch)
<i>Chlidonias niger</i>			Subsidy for management of semi-natural habitats, restoration of semi-natural habitats, restoration of water regime of semi-natural habitats, restoration and regulation of water regime of polders in Natura 2000 sites
<i>Columba oenas</i> <i>Bubo bubo</i> <i>Strix uralensis</i>			Subsidy for Natura 2000 private forest owners, restoration of water regime of forest, electric power lines connected works
<i>Glaucidium passerinum</i>			Subsidy for Natura 2000 private forest owners, restoration of water regime of forest
<i>Asio flammeus</i>			Subsidy for management of semi-natural habitats, restoration of semi-natural habitats, restoration of water regime of semi-natural habitats, restoration of infrastructure needed for the management of semi-natural habitats, providing cattle and specific machineries for the management of semi-natural habitats, restoration and regulation of water regime of polders in Natura 2000 sites
<i>Aegolius funereus</i>			Subsidy for Natura 2000 private forest owners,

			restoration of water regime of forest
<i>Caprimulgus europaeus</i>			Subsidy for Natura 2000 private forest owners, restoration of water regime of forest
<i>Coracias garrulus</i>			Subsidy for management of semi-natural habitats, restoration of semi-natural habitats, Natura 2000 agricultural subsidy
<i>Jynx torquilla</i> <i>Picus canus</i> <i>Picus viridis</i> <i>Dryocopus martius</i> <i>Dryocopus leucotos</i> <i>Dryocopus minor</i> <i>Picoides tridactylus</i>			Subsidy for Natura 2000 private forest owners, restoration of water regime of forest
<i>Lusciانا svecica</i> <i>Sylvia nisoria</i> <i>Ficedula parva</i> <i>Lanius collurio</i> <i>Loxia pytyopsittacus</i> <i>Emberiza hortulana</i>			Subsidy for Natura 2000 private forest owners, restoration of water regime of forest Subsidy for management of semi-natural habitats, restoration of semi-natural habitats Subsidy for Natura 2000 private forest owners, restoration of water regime of forest Subsidy for management of semi-natural habitats, restoration of semi-natural habitats, restoration and regulation of water regime of polders in Natura 2000 sites Subsidy for Natura 2000 private forest owners, restoration of water regime of forest Subsidy for management of semi-natural habitats, restoration of semi-natural habitats, subsidy for Natura 2000 agricultural land users

Section H: Monitoring, evaluation and updating of PAFs

To monitor and evaluate the PAF, the following data will be used:

- Habitats Directive Art 17 report
- Birds Directive Art 12 report
- EAFRD monitoring and evaluation report
- ERDF/CF monitoring and evaluation report
- Reporting of Nature Conservation Strategy
- Evaluation of effectiveness of implementation of management plans and action plans
- etc

Annex I
Habitats included in Annex I of the Habitat Directive

Habitat code	Description	Habitat priority
1110	Sandbanks which are slightly covered by sea water all the time	
1130	Estuaries	
1140	Mudflats and sandflats not covered by seawater at low tide	
1150	Coastal lagoons	*
1160	Large shallow inlets and bays	
1170	Reefs	
1210	Annual vegetation of drift lines	
1220	Perennial vegetation of stony banks	
1230	Vegetated sea cliffs of the Atlantic and Baltic Coasts	
1310	Salicornia and other annuals colonizing mud and sand	
1620	Boreal Baltic islets and small islands	
1630	Boreal Baltic coastal meadows	*
1640	Boreal Baltic sandy beaches with perennial vegetation	
2110	Embryonic shifting dunes	
2120	Shifting dunes along the shoreline with <i>Ammophila arenaria</i> ("white dunes")	
2130	Fixed coastal dunes with herbaceous vegetation ("grey dunes")	*
2140	Decalcified fixed dunes with <i>Empetrum nigrum</i>	*
2180	Wooded dunes of the Atlantic, Continental and Boreal region	
2190	Humid dune slacks	
2320	Dry sand heaths with <i>Calluna</i> and <i>Empetrum nigrum</i>	
2330	Inland dunes with open <i>Corynephorus</i> and <i>Agrostis grasslands</i>	
3110	Oligotrophic waters containing very few minerals of sandy plains (<i>Littorelletalia uniflorae</i>)	
3130	Oligotrophic to mesotrophic standing waters with vegetation of the <i>Littorelletea uniflorae</i> and/or of the <i>Isoëto-Nanojuncetea</i>	
3140	Hard oligo-mesotrophic waters with benthic vegetation of <i>Chara</i> spp.	
3150	Natural eutrophic lakes with <i>Magnopotamion</i> or <i>Hydrocharition</i> - type vegetation	
3160	Natural dystrophic lakes and ponds	
3180	Turloughs	*
3260	Water courses of plain to montane levels with the <i>Ranunculion fluitantis</i> and <i>Callitricho-Batrachion</i> vegetation	
4030	European dry heaths	
5130	<i>Juniperus communis</i> formations on heaths or calcareous grasslands	
6210	Semi-natural dry grasslands and scrubland facies on calcareous substrates (<i>Festuco-Brometalia</i>) (* important orchid sites)	
6270	Fennoscandian lowland species-rich dry to mesic grasslands	*
6280	Nordic alvar and precambrian calcareous flatrocks	*
6410	<i>Molinia</i> meadows on calcareous, peaty or clayey-silt-laden soils (<i>Molinion caeruleae</i>)	
6430	Hydrophilous tall herb fringe communities of plains and of the montane to alpine levels	
6450	Northern boreal alluvial meadows	
6510	Lowland hay meadows (<i>Alopecurus pratensis</i> , <i>Sanguisorba officinalis</i>)	
6530	Fennoscandian wooded meadows	*
7110	Active raised bogs	*
7120	Degraded raised bogs still capable of natural regeneration	
7140	Transition mires and quaking bogs	

7150	Depressions on peat substrates of the <i>Rhynchosporion</i>	
7160	Fennoscandian mineral-rich springs and springfens	
7210	Calcareous fens with <i>Cladium mariscus</i> and species of the <i>Caricion davallianae</i>	*
7220	Petrifying springs with tufa formation (<i>Cratoneurion</i>)	*
7230	Alkaline fens	
8210	Calcareous rocky slopes with chasmophytic vegetation	
8220	Siliceous rocky slopes with chasmophytic vegetation	
8240	Limestone pavements	*
8310	Caves not open to the public	
9010	Western Taïga	*
9020	Fennoscandian hemiboreal natural old broad-leaved deciduous forests (<i>Quercus</i> , <i>Tilia</i> , <i>Acer</i> , <i>Fraxinus</i> or <i>Ulmus</i>) rich in epiphytes	*
9050	Fennoscandian herb-rich forests with <i>Picea abies</i>	
9060	Coniferous forests on, or connected to, glaciofluvial eskers	
9070	Fennoscandian wooded pastures	
9080	Fennoscandian deciduous swamp woods	*
9180	<i>Tilio-Acerion</i> forests of slopes, screes and ravines	*
91D0	Bog woodland	*
91E0	Alluvial forests with <i>Alnus glutinosa</i> and <i>Fraxinus excelsior</i> (<i>Alno-Padion</i> , <i>Alnion incanae</i> , <i>Salicion albae</i>)	*
91F0	Riparian mixed forests of <i>Quercus robur</i> , <i>Ulmus laevis</i> and <i>Ulmus minor</i> , <i>Fraxinus excelsior</i> or <i>Fraxinus angustifolia</i> , along the great rivers (<i>Ulmion minoris</i>)	

(* the priority habitat types)

Annex II
Species included in Annex II of the Habitats Directive

Species name	Species code	Sp group	prior
<i>Agrimonia pilosa</i>	1939	Plant	
<i>Angelica palustris</i>	1617	Plant	
<i>Aspius aspius</i>	1130	Fish	
<i>Boros schneideri</i>	1920	Invertebrate	
<i>Buxbaumia viridis</i>	1386	Plant	
<i>Cinna latifolia</i>	1951	Plant	
<i>Cobitis taenia</i>	1149	Fish	
<i>Cottus gobio</i>	1163	Fish	
<i>Cucujus cinnaberinus</i>	1086	Invertebrate	
<i>Cypripedium calceolus</i>	1902	Plant	
<i>Dianthus arenarius ssp. arenarius</i>	1954	Plant	
<i>Dichelyma capillaceum</i>	1383	Plant	
<i>Dicranum viride</i>	1381	Plant	
<i>Drepanocladus vernicosus</i>	1393	Plant	
<i>Dytiscus latissimus</i>	1081	Invertebrate	
<i>Encalypta mutica</i>	1982	Plant	
<i>Euphydrias aurinia</i>	1065	Invertebrate	
<i>Euphydrias maturna</i>	1052	Invertebrate	
<i>Graphoderus bilineatus</i>	1082	Invertebrate	
<i>Halichoerus grypus</i>	1364	Mammal	
<i>Lampetra fluviatilis</i>	1099	Fish	
<i>Leucorrhinia pectoralis</i>	1042	Invertebrate	
<i>Ligularia sibirica</i>	1758	Plant	
<i>Liparis loeselii</i>	1903	Plant	
<i>Lutra lutra</i>	1355	Mammal	
<i>Lycaena dispar</i>	1060	Invertebrate	
<i>Margaritifera margaritifera</i>	1029	Invertebrate	
<i>Misgurnus fossilis</i>	1145	Fish	
<i>Moehringia laterifolia</i>	1962	Plant	
<i>Mustela lutreola</i>	1356	Mammal	*
<i>Myotis dasycneme</i>	1318	Mammal	
<i>Najas flexilis</i>	1833	Plant	
<i>Ophiogomphus cecilia</i>	1037	Invertebrate	
<i>Osmoderma eremita</i>	1084	Invertebrate	*
<i>Oxyporus mannerheimii</i>	1924	Invertebrate	
<i>Phoca hispida bottnica</i>	1938	Mammal	
<i>Pteromys volans</i>	1910	Mammal	*
<i>Pulsatilla patens</i>	1477	Plant	
<i>Rhinanthus oesiliensis</i>	4115	Plant	
<i>Salmo salar</i>	1106	Fish	
<i>Saussurea alpina ssp. esthonica</i>	4086	Plant	
<i>Saxifraga hirculus</i>	1528	Plant	
<i>Sisymbrium supinum</i>	1493	Plant	
<i>Thesium ebracteatum</i>	1437	Plant	
<i>Tortella rigens</i>	1988	Plant	
<i>Triturus cristatus</i>	1166	Amphibian	

<i>Unio crassus</i>	1032	Invertebrate	
<i>Vertigo angustior</i>	1014	Invertebrate	
<i>Vertigo genesii</i>	1015	Invertebrate	
<i>Vertigo geyeri</i>	1013	Invertebrate	
<i>Xylota strix</i>	4044	Invertebrate	*

Anne III
Birds Directive species

Species name	Species code	Annex I	Regular migratory species
<i>Accipiter gentilis</i>	A085		+
<i>Accipiter nisus</i>	A086		+
<i>Aegolius funereus</i>	A223	+	+
<i>Alca torda</i>	A200		+
<i>Alcedo atthis</i>	A229	+	
<i>Anas acuta</i>	A054		+
<i>Anas clypeata</i>	A056		+
<i>Anas crecca</i>	A051		+
<i>Anas penelope</i>	A050		+
<i>Anas platyrhynchos</i>	A053		+
<i>Anas querquedula</i>	A055		+
<i>Anas strepera</i>	A051		+
<i>Anser albifrons</i>	A041		+
<i>Anser anser</i>	A043		+
<i>Anser erythropus</i>	A042	+	+
<i>Anser fabalis</i>	A039		+
<i>Anthus campestris</i>	A255	+	+
<i>Aquila chrysaetos</i>	A091	+	+
<i>Aquila clanga</i>	A090	+	
<i>Aquila pomarina</i>	A089	+	
<i>Ardea cinerea</i>	A028		+
<i>Arenaria interpres</i>	A169		+
<i>Asio flammeus</i>	A222	+	+
<i>Aythya ferina</i>	A059		+
<i>Aythya fuligula</i>	A061		+
<i>Aythya marila</i>	A062		+
<i>Bonasa bonasia</i>	A104	+	
<i>Botaurus stellaris</i>	A021	+	+
<i>Branta bernicla</i>	A046		+
<i>Branta leucopsis</i>	A045	+	
<i>Bubo bubo</i>	A215	+	
<i>Bucephala clangula</i>	A057		+
<i>Buteo buteo</i>	A087		+
<i>Calidris alpina schinzii</i>	A466	+	+
<i>Calidris canutus</i>	A143		+
<i>Calidris ferruginea</i>	A147		+
<i>Calidris maritima</i>	A148		+
<i>Calidris minuta</i>	A145		+
<i>Calidris temminckii</i>	A146		+
<i>Caprimulgus europaeus</i>	A224	+	+
<i>Cephus grylle</i>	A202		+
<i>Charadrius dubius</i>	A136		+
<i>Charadrius hiaticula</i>	A137		+
<i>Chlidonias niger</i>	A197	+	
<i>Ciconia ciconia</i>	A031	+	
<i>Ciconia nigra</i>	A030	+	

<i>Circaetus gallicus</i>	A080	+	
<i>Circus aeruginosus</i>	A081	+	+
<i>Circus cyaneus</i>	A082	+	+
<i>Circus pygargus</i>	A084	+	
<i>Clangula hyemalis</i>	A064		+
<i>Columba oenas</i>	A207		+
<i>Coracias garrulus</i>	A231	+	
<i>Crex crex</i>	A122	+	+
<i>Cygnus columbianus bewickii</i>	A037	+	+
<i>Cygnus cygnus</i>	A038	+	+
<i>Cygnus olor</i>	A036		+
<i>Dendrocopos leucotos</i>	A239	+	
<i>Dendrocopos minor</i>	A240		+
<i>Dryocopus martius</i>	A236	+	
<i>Emberiza hortulana</i>	A379	+	+
<i>Falco columbarius</i>	A098	+	+
<i>Falco peregrinus</i>	A103	+	+
<i>Falco tinnunculus</i>	A096		+
<i>Ficedula parva</i>	A320	+	
<i>Fulica atra</i>	A125		+
<i>Gallinago media</i>	A154	+	
<i>Gavia arctica</i>	A002	+	+
<i>Gavia stellata</i>	A001	+	+
<i>Glaucidium passerinum</i>	A217	+	+
<i>Grus grus</i>	A127	+	+
<i>Haliaeetus albicilla</i>	A075	+	+
<i>Jynx torquilla</i>	A233		+
<i>Lagopus lagopus</i>	A105		
<i>Lanius collurio</i>	A339	+	+
<i>Lanius excubitor</i>	A340		+
<i>Larus canus</i>	A182		+
<i>Larus fuscus</i>	A183		+
<i>Larus minutus</i>	A177	+	+
<i>Larus ridibundus</i>	A179		+
<i>Limicola falcinellus</i>	A150		+
<i>Limosa lapponica</i>	A157	+	+
<i>Limosa limosa</i>	A156		
<i>Loxia pytyopsittacus</i>	A370		+
<i>Lullula arborea</i>	A246	+	+
<i>Luscinia svecica</i>	A272	+	+
<i>Lymnocyptes minimus</i>	A152		+
<i>Melanitta fusca</i>	A066		+
<i>Melanitta nigra</i>	A065		+
<i>Mergus albellus</i>	A068	+	+
<i>Mergus merganser</i>	A070		+
<i>Mergus serrator</i>	A069		+
<i>Numenius arquata</i>	A160		+
<i>Numenius phaeopus</i>	A158		+
<i>Pandion haliaetus</i>	A094	+	+
<i>Perdix perdix</i>	A112		
<i>Pernis apivorus</i>	A072	+	+

<i>Phalacrocorax carbo</i>	A214		+
<i>Phalaropus lobatus</i>	A170	+	+
<i>Philomachus pugnax</i>	A151	+	+
<i>Picoides tridactylus</i>	A241	+	
<i>Picus canus</i>	A234	+	
<i>Picus viridis</i>	A235		
<i>Pluvialis apricaria</i>	A140	+	+
<i>Pluvialis squatarola</i>	A141		+
<i>Podiceps auritus</i>	A007	+	+
<i>Podiceps cristatus</i>	A005		+
<i>Podiceps grisegena</i>	A006		+
<i>Polysticta stelleri</i>	A506	+	+
<i>Porzana parva</i>	A120	+	
<i>Porzana porzana</i>	A119	+	+
<i>Rallus aquaticus</i>	A118		+
<i>Recurvirostra avosetta</i>	A132	+	
<i>Riparia riparia</i>	A249		+
<i>Somateria mollissima</i>	A063		+
<i>Sterna albifrons</i>	A195	+	+
<i>Sterna caspia</i>	A190	+	+
<i>Sterna hirundo</i>	A193	+	+
<i>Sterna paradisaea</i>	A194	+	+
<i>Sterna sandvicensis</i>	A191	+	
<i>Strix uralensis</i>	A220	+	
<i>Sylvia nisoria</i>	A307	+	+
<i>Tetrao tetrix</i>	A107	+	
<i>Tetrao urogallus</i>	A108	+	
<i>Tringa erythropus</i>	A161		+
<i>Tringa glareola</i>	A166	+	+
<i>Tringa nebularia</i>	A164		+
<i>Tringa totanus</i>	A162		+
<i>Upupa epops</i>	A232		
<i>Vanellus vanellus</i>	A142		+

Annex IV
List of Special Areas of Conservation (SAC)

SITE CODE	SITE NAME	SITE AREA (ha)
EE0010101	Tuhala	188
EE0010102	Paraspõllu	477
EE0010103	Kämbla	164
EE0010104	Paunküla	619
EE0010105	Tammiku	379
EE0010107	Alema	60
EE0010108	Laukesoo	2712
EE0010109	Anija	72
EE0010110	Kiviloo	26
EE0010112	Ardu	42
EE0010113	Maapaju	448
EE0010114	Kostivere	97
EE0010116	Ülgase	49
EE0010120	Pirita	688
EE0010121	Valgejärve	719
EE0010122	Laulasmaa	130
EE0010123	Türisalu	165
EE0010124	Ruila	826
EE0010125	Vääna	853
EE0010127	Naissaare	1888
EE0010132	Rannamõisa	66
EE0010133	Orkjärve	1164
EE0010136	Püümetsa	31
EE0010137	Niitvälja	25
EE0010138	Naage	5
EE0010140	Suurupi	191
EE0010141	Kiruvere	21
EE0010142	Muraste	140
EE0010143	Rahumäe	24
EE0010144	Pakasjärve	18
EE0010150	Jägala	29
EE0010152	Ubari	58
EE0010153	Aegviidu	1
EE0010154	Krassi	80
EE0010155	Vasalemma	15

EE0010175	Vääna-Posti	58
EE0010176	Vansi	140
EE0010177	Kaberla	52
EE0010184	Pedase	14
EE0010188	Aegna saare	301
EE0010190	Valkla klindi	5
EE0010191	Vääna-Viti	16
EE0020301	Maidla-Iganõmme	331
EE0020302	Kohatu	970
EE0020303	Angasilla	292
EE0020304	Paeküla	264
EE0020305	Pilkuse	484
EE0020306	Konuvere	478
EE0020307	Selja-Põdra	1656
EE0020311	Pajaka-Vardi	316
EE0020312	Linnuraba	3376
EE0020313	Jalase	2729
EE0020314	Salavalge-Tõrasoo	4512
EE0020315	Taarikõnnu	2843
EE0020316	Rabivere	2158
EE0020317	Lümandu	106
EE0020318	Kurtna-Vilivere	71
EE0020319	Rahaaugu	471
EE0020321	Ridaküla	143
EE0020322	Raikküla-Paka	138
EE0020324	Mahtra	7569
EE0020325	Kõnnumaa	11337
EE0020326	Tillniidu	345
EE0020327	Mukri	2201
EE0020328	Linumängu	2078
EE0020329	Piiumetsa	1130
EE0020330	Pae	33
EE0020331	Sonni	13
EE0020332	Sulu	262
EE0020333	Karitsu	51
EE0020334	Nurtujõe	35
EE0020335	Kastna-Rapla	837
EE0020336	Kuusiku	120
EE0020337	Nõlvasoo	1100

EE0020338	Avaste	8451
EE0020342	Urevere	18
EE0020408	Märjamaa järtade	113
EE0020409	Rangu	827
EE0020410	Rahula-Napanurga	214
EE0020411	Vardi	679
EE0040002	Väinamere	252138
EE0040111	Põdrapao	2
EE0040112	Paope	2231
EE0040114	Tilga	101
EE0040115	Undama soo	81
EE0040116	Pihla-Kaibaldi	3760
EE0040117	Sepaste	36
EE0040118	Luidja	55
EE0040119	Leigri	459
EE0040120	Tihu	1415
EE0040121	Paope loo	158
EE0040122	Kõrgessaare-Mudaste	2885
EE0040123	Pihla-Kurisu	275
EE0040124	Tareste	453
EE0040125	Vilivalla	16
EE0040126	Kuri Hellamaa	57
EE0040127	Pühalepa	44
EE0040128	Kukka-Luhastu	255
EE0040129	Hiiu madala	4484
EE0040131	Viilupi	30
EE0040133	Tahkuna	1869
EE0040134	Jausa	39
EE0040141	Klaasrahu	2674
EE0040204	Ehmja-Turvalepa	2406
EE0040205	Kuke-Kiili	884
EE0040206	Poanse	311
EE0040207	Karuse-Linnuse	411
EE0040210	Luiste	1074
EE0040211	Laiküla	1092
EE0040212	Mustjärve raba	1080
EE0040213	Lihula	6719
EE0040214	Tuhu	4027
EE0040215	Einbi	9

EE0040301	Allikukivi	17
EE0040302	Metsaääre	159
EE0040303	Järveotsa	27
EE0040306	Kaisma	3155
EE0040307	Mihkli	89
EE0040308	Kalita	145
EE0040309	Laulaste	1060
EE0040310	Kanaküla	56
EE0040311	Karinõmme	387
EE0040312	Kastna	123
EE0040313	Kihnu	9136
EE0040314	Siiraku	682
EE0040317	Kivikupitsa	135
EE0040318	Kolga	274
EE0040319	Kosemäe	47
EE0040320	Kuiaru	221
EE0040321	Kõrissoo	32
EE0040322	Laiksaare	399
EE0040323	Lao	19
EE0040324	Lavassaare	9866
EE0040326	Lindi	1625
EE0040327	Madissaare	101
EE0040328	Manilaiu- Hanilaiu	204
EE0040329	Haapsi	60
EE0040330	Metsapoole	60
EE0040331	Mõrdama	1517
EE0040332	Naissoo	116
EE0040333	Navesti	10
EE0040334	Nedrema	2429
EE0040335	Nepste	34
EE0040336	Nätsi-Võlla	11499
EE0040338	Oese soo	196
EE0040339	Oidrema	35
EE0040340	Orajõe	116
EE0040341	Paadrema	1360
EE0040342	Lemmejõe	6
EE0040343	Pootsi	8
EE0040345	Pärnu jõe	855
EE0040347	Pärnu	517

EE0040348	Rannaniidu	371
EE0040349	Raespa	244
EE0040352	Varbla	279
EE0040353	Kurese	522
EE0040354	Saunametsa	10
EE0040355	Ura	310
EE0040356	Sõmeri	361
EE0040357	Tellissaare	351
EE0040358	Sorgu	3
EE0040359	Tolkuse	806
EE0040360	Tori põrgu	2
EE0040361	Tõhela-Ermistu	3134
EE0040362	Sanga	152
EE0040363	Tõstamaa	1282
EE0040364	Uulu-Võiste	719
EE0040365	Vahenurme	221
EE0040366	Vaiste	160
EE0040367	Valgeranna	98
EE0040368	Ämmamäe	42
EE0040369	Sookuninga	5869
EE0040370	Nigula	6398
EE0040375	Valgeraba	441
EE0040384	Reiu jõe	105
EE0040387	Alva-Kärsu	142
EE0040401	Abruka	963
EE0040402	Allirahu	1960
EE0040403	Asva	63
EE0040405	Ranna	23
EE0040406	Siplase	206
EE0040407	Järise	1053
EE0040408	Järve	118
EE0040409	Kaarma	72
EE0040410	Kaarmise	265
EE0040415	Karida	30
EE0040416	Karujärve	353
EE0040420	Kaunispes	126
EE0040421	Kerju	79
EE0040422	Kesknõmme	337
EE0040423	Kingli	515

EE0040426	Kooljamägede	8
EE0040427	Kasemetsa	8
EE0040429	Kotlandi	74
EE0040430	Küdemä	21
EE0040433	Kudjape	17
EE0040435	Laasu	33
EE0040437	Lannasmaa	14
EE0040438	Liigalaskma-Orinõmme	334
EE0040439	Liiva-Putla	101
EE0040440	Lindmetsa	85
EE0040442	Mäe	42
EE0040443	Mullutu-Loode	5787
EE0040445	Nässumaa	273
EE0040446	Nihatu	50
EE0040447	Nõmmküla	136
EE0040448	Odalätsi	282
EE0040449	Ohessaare	20
EE0040451	Paatsa	98
EE0040452	Pammana	1124
EE0040454	Põduste luha	31
EE0040455	Põduste-Upa	356
EE0040456	Pühametsa	27
EE0040457	Rannaniidi	396
EE0040458	Ranna-Põitse	232
EE0040462	Ruhnu	868
EE0040463	Saaremetsa	84
EE0040464	Säärenõmme	393
EE0040465	Sandla	14
EE0040466	Sepa	324
EE0040467	Sepamaa	60
EE0040470	Simiste-Oina	100
EE0040473	Suuremõisa lahe	371
EE0040474	Suurissoo	12
EE0040475	Uustalu	10
EE0040477	Tahula-Reo	579
EE0040479	Tammuna	56
EE0040480	Teesu	152
EE0040481	Tehu	4
EE0040482	Tõnija	181

EE0040483	Kalli soo	478
EE0040484	Tumala	150
EE0040485	Vahtrissoo	47
EE0040487	Vana-Lahetaguse	42
EE0040488	Vanalõve	69
EE0040489	Vedruka raba	109
EE0040490	Vesitükimaa	1261
EE0040492	Viidu	29
EE0040493	Viidumäe	2488
EE0040494	Viieristi	378
EE0040497	Võrsna	535
EE0040498	Laasi	9
EE0040499	Raudrahu	979
EE0040500	Gretagrund	14650
EE0060101	Esna	225
EE0060102	Määru	8
EE0060103	Kurisoo	47
EE0060104	Kareda	361
EE0060105	Rava	16
EE0060106	Tudre	60
EE0060107	Vulbi	11
EE0060108	Prandi	871
EE0060109	Lüsingu	108
EE0060110	Kiigumõisa	169
EE0060112	Jalgsema	41
EE0060113	Silmsi soo	146
EE0060114	Nõmme raba	435
EE0060115	lidva	806
EE0060116	Väätsa	416
EE0060117	Türi-Karjaküla	97
EE0060119	Kõrvemaa	20543
EE0060120	Roosna-Alliku	43
EE0060121	Saarjõe	1750
EE0060122	Preedi jõe	1
EE0060123	Võlingi oja	3
EE0060202	Mõdriku-Roela	1621
EE0060203	Neeruti	1271
EE0060204	Mädapea	72
EE0060206	Lasila	337

EE0060207	Haavakannu	1207
EE0060208	Suurekivi	272
EE0060210	Ilmandu	168
EE0060211	Seljamäe	213
EE0060212	Äntu	389
EE0060213	Padaoru	177
EE0060214	Porkuni	315
EE0060215	Ebavere	39
EE0060217	Luusika	440
EE0060218	Selja jõe	639
EE0060219	Sämi	941
EE0060220	Uhtju	2429
EE0060221	Viitna	312
EE0060223	Mahu-Rannametsa	426
EE0060224	Tammelehe	4
EE0060225	Varangu	104
EE0060226	Jäola	35
EE0060227	Vinni-Pajusti	93
EE0060229	Järveoja	1
EE0060230	Võlumäe	17
EE0060231	Letipea	514
EE0060279	Loobu jõe	13
EE0060280	Salla	142
EE0070101	Smolnitsa	239
EE0070103	Muraka	16356
EE0070105	Mustajõe	77
EE0070108	Ontika	253
EE0070109	Pangametsa	180
EE0070110	Udria	375
EE0070111	Mäetaguse	53
EE0070112	Aseri	651
EE0070113	Edise	5
EE0070115	Kauksi	10
EE0070117	Atsalama	9
EE0070118	Änniksaare	3
EE0070119	Jõuga	63
EE0070120	Kurtna	416
EE0070122	Järvevälja	317
EE0070123	Päite	128

EE0070125	Uljaste	255
EE0070126	Sahmeni	27317
EE0070127	Avijõe	29
EE0070128	Struuga	1715
EE0070175	Adraku	224
EE0070179	Alajõe	110
EE0070187	Karusoo	11
EE0070189	Viivikonna	28
EE0080101	Saarjärve	158
EE0080102	Võtikvere	116
EE0080103	Tellise	237
EE0080104	Aidu	311
EE0080106	Padinasaare	41
EE0080107	Andressaare	4
EE0080108	Kääpa	2284
EE0080109	Mustallika	49
EE0080110	Vooremaa järvede	2099
EE0080111	Kaasiku	4
EE0080173	Aidu soo	331
EE0080177	Oti	54
EE0080178	Tooni	22
EE0080201	Kooraste Pikkjärve	15
EE0080202	Ihamaru-Tilleoru	414
EE0080205	Valgesoo	352
EE0080206	Veski	63
EE0080207	Mooste	17
EE0080208	Peramaa	29
EE0080209	Kirmsi	219
EE0080210	Päevakese	62
EE0080211	Väikõ-Nedsäjä	3
EE0080212	Rebasmäe	32
EE0080213	Tahkjärve soo	31
EE0080214	Hauka	51
EE0080215	Värska	41
EE0080216	Räpina	56
EE0080217	Ahja	1147
EE0080218	Karste	1
EE0080220	Kanepi järvede	110
EE0080221	Valgjärve	66

EE0080222	Palojärve	8
EE0080223	Kivijärve	6
EE0080224	Akste järve	6
EE0080225	Laho	3
EE0080226	Virosi	12
EE0080227	Pahtpää	5
EE0080229	Osõtsuu	26
EE0080230	Kuulmajärve	1011
EE0080231	Lüübnitsa	1542
EE0080232	Uiakatsi	19
EE0080233	Kooraste Kõvvõrjärve	13
EE0080234	Mustoja	3500
EE0080235	Võhandu jõe ürgoru	248
EE0080236	Võhandu jõe	22
EE0080237	Mädajõe	23
EE0080239	Karisilla oja	11
EE0080272	Maruoru	33
EE0080274	Oodsipalo	75
EE0080275	Akste	8
EE0080277	Krüüdneri	3
EE0080301	Pähklisaare	643
EE0080302	Age oru	22
EE0080303	Väägvere	6
EE0080304	Sootaga	59
EE0080305	Konguta	32
EE0080306	Padakõrve	1547
EE0080307	Järvselja	187
EE0080309	Vapramäe	99
EE0080310	Anne	16
EE0080311	Alatskivi	381
EE0080312	Lavatsi järve	9
EE0080314	Pangodi	101
EE0080315	Mustjärve	20
EE0080316	Keeri-Karijärve	1926
EE0080317	Viisjaagu	25
EE0080318	Elva-Vitipalu	921
EE0080319	Lahepera	14056
EE0080320	Kallaste	1
EE0080322	Välgi	758

EE0080375	Tatra	3
EE0080376	Siniküla	35
EE0080402	Lubjaahujärve	1
EE0080403	Lambahanna järve	4
EE0080404	Voki	17
EE0080405	Vidrike	14
EE0080407	Prange	38
EE0080408	Sauniku	121
EE0080411	Kurematsi	8
EE0080412	Andresjärve	3
EE0080413	Palakmäe	138
EE0080414	Tikste	38
EE0080415	Tündre	1837
EE0080416	Lasa	471
EE0080417	Pikre järve	12
EE0080418	Roksi järve	3
EE0080419	Linaleo järve	1
EE0080420	Koorküla	351
EE0080421	Koiva-Mustjõe luha	3179
EE0080422	Aheru	231
EE0080423	Kiiviti järve	13
EE0080424	Karula-Pikkjärve	360
EE0080425	Kuritse järve	12
EE0080426	Tagula	21
EE0080427	Valli soo	27
EE0080428	Õru	12
EE0080429	Kada järve	8
EE0080430	Koikküla	4
EE0080432	Väike-Emajõe	20
EE0080433	Purtsi jõe	8
EE0080472	Mõneku	48
EE0080474	Kakulaane	39
EE0080475	Kirbu soo	68
EE0080501	Rubina	2097
EE0080502	Rutu	328
EE0080503	Kullamäe	5
EE0080504	Teringi	321
EE0080505	Lopa paljandi	1
EE0080506	Kiviaru	33

EE0080507	Tilli	6
EE0080509	Kurimetsa	57
EE0080510	Leppoja	376
EE0080511	Tänassilma	113
EE0080512	Ruhijärve	87
EE0080514	Viljandi	155
EE0080515	Kariste järve	62
EE0080516	Õisu	592
EE0080518	Paistu	53
EE0080519	Sinialliku	99
EE0080520	Heimtali	219
EE0080521	Kahvena	717
EE0080523	Lepakose	27
EE0080524	Võrtsjärve	29584
EE0080576	Päidre	43
EE0080577	Otiküla	62
EE0080579	Pillu	25
EE0080601	Luhasoo	798
EE0080602	Hino	698
EE0080603	Kisejärve	665
EE0080604	Murati	182
EE0080605	Pärlijõe	26
EE0080606	Väike-Palkna	25
EE0080607	Kirikumäe	367
EE0080608	Peetri jõe	497
EE0080610	Hintsiko	29
EE0080611	Hurda	213
EE0080612	Vagula järve	598
EE0080614	Sadramõtsa	361
EE0080615	Sadrametsa	242
EE0080616	Pähni	277
EE0080617	Parmu	1021
EE0080618	Verijärve	78
EE0080620	Pullijärve	63
EE0080621	Piusa-Võmmorski	490
EE0080622	Piusa	1219
EE0080623	Uhtjärve	44
EE0080624	Lõõdla	98
EE0080625	Pabra järve	58

EE0080626	Karsna järve	17
EE0080627	Kubija järve	17
EE0080628	Kärnjärve	8
EE0080629	Majori järve	18
EE0080630	Lasva tammiku	19
EE0080631	Kaasjärve	3
EE0080632	Paganamaa	200
EE0080635	Timmase	388
EE0080637	Tamula järve	210
EE0080638	Pärlijõe luha	40
EE0010106	Põhja-Kõrvemaa	13421
EE0010129	Pakri	20472
EE0010171	Kolga lahe	2435
EE0040113	Vanamõisa	1532
EE0040201	Nõva-Osmussaare	24612
EE0040202	Suursoo-Leidissoo	22508
EE0040203	Marimetsa-Õmma	7827
EE0040305	Kabli	733
EE0040351	Lütemaa	12945
EE0040412	Kahtla-Kübassaare	14018
EE0040414	Karala-Pilguse	2644
EE0040418	Kasti lahe	3939
EE0040425	Koigi	2359
EE0040428	Koorunõmme	3666
EE0040432	Küdemä lahe	4479
EE0040461	Riksu ranniku	2183
EE0040469	Siiksaare-Oessaare	3952
EE0040472	Sutu lahe	2141
EE0040476	Tagamõisa	13482
EE0040496	Vilsandi	18234
EE0060209	Tudusoo	5279
EE0060271	Toolse	465
EE0070106	Puhatu	12717
EE0070171	Agusalu	11951
EE0080172	Endla	10108
EE0080203	Meelva	2073
EE0080204	Meenikunno	2649
EE0080371	Kärevere	2497
EE0080374	Alam-Pedja	34493

EE0080401	Otepää	22794
EE0080573	Parika	2186
EE0080574	Soomaa	40034
EE0080613	Haanja	16903
EE0080671	Karula	13189

Annex V
List of Sites of Community Importance (SCI)

SITE CODE	SITE NAME	SITE AREA (ha)
EE0010111	Parila	198
EE0010126	Prangli	1311
EE0010148	Kuivajõe	2
EE0010156	Valgejõe	32
EE0010187	Vääna jõe	30
EE0040135	Kõpu	3635
EE0040315	Koonga tammiku	27
EE0040404	Haavassoo	429
EE0040436	Laidunina	91
EE0040478	Tammese	159
EE0040486	Väikese väina	17639
EE0060216	Suigu	137
EE0070104	Sirtsu	6056
EE0070124	Selisoo	1419
EE0070129	Pühajõe	6
EE0080323	Emajõe-Suursoo	22868
EE0080324	Peeda jõe	6
EE0080410	Soontaga-Sauniku	1545
EE0080517	Muti	154
EE0080619	Mõisamõtsa	229
EE0010173	Lahemaa	74421
EE0020205	Ohepalu	5897
EE0040209	Käntu-Kastja	3125
EE0040441	Kaugatoma-Lõu	5375
EE0080313	Ropka-lhaste	755

Annex VI
List of Special Protection Areas (SPA)

SITE CODE	SITE NAME	SITE AREA (ha)
EE0010170	Paljassaare	276
EE0020340	Taarikõnnu-Kaisma	7483
EE0020341	Kõnnumaa-Väätsa	17861
EE0040001	Väinamere	271297
EE0040130	Kõrgessaare-Mudaste	5100
EE0040208	Tuhu-Kesu	19197
EE0040316	Kikepera	10354
EE0040325	Lavassaare	10176
EE0040337	Nätsi-Võlla	16305
EE0040344	Põhja-Liivimaa	19243
EE0040346	Pärnu lahe	109581
EE0040434	Kura kurgu	192977
EE0040444	Mullutu-Loode	6534
EE0060171	Kõrvemaa	22775
EE0060270	Vaindloo	76
EE0070107	Struuga	1321
EE0070172	Muraka	17657
EE0070173	Sirtsu	6712
EE0080112	Loode-Peipsi	1706
EE0080171	Vooremaa	3733
EE0080271	Räpina poldri	1494
EE0080372	Lahepera järve	257
EE0080373	Emajõe suudmeala ja Piirissaare	34179
EE0080471	Koiva-Mustjõe	3716
EE0080571	Võrtsjärve	29730
EE0080572	Rubina	2154
EE0080672	Misso	2824
EE0010106	Põhja-Kõrvemaa	13421
EE0010129	Pakri	20472
EE0010171	Kolga lahe	2435
EE0010173	Lahemaa	74421
EE0020205	Ohepalu	5897
EE0040113	Vanamõisa	1532
EE0040201	Nõva-Osmussaare	24612
EE0040202	Suursoo-Leidissoo	22508

EE0040203	Marimetsa-Õmma	7827
EE0040209	Käntu-Kastja	3125
EE0040305	Kabli	733
EE0040351	Luitemaa	12945
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EE0040441	Kaugatoma-Lõu	5375
EE0040461	Riksu ranniku	2183
EE0040469	Siiksaare-Oessaare	3952
EE0040472	Sutu lahe	2141
EE0040476	Tagamõisa	13482
EE0040496	Vilsandi	18234
EE0060209	Tudusoo	5279
EE0060271	Toolse	465
EE0070106	Puhatu	12717
EE0070171	Agusalu	11951
EE0080172	Endla	10108
EE0080203	Meelva	2073
EE0080204	Meenikunno	2649
EE0080313	Ropka-lhaste	755
EE0080371	Kärevere	2497
EE0080374	Alam-Pedja	34493
EE0080401	Otepää	22794
EE0080573	Parika	2186
EE0080574	Soomaa	40034
EE0080613	Haanja	16903
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