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EUROPEAN TOPIC CENTRE
ON NATURE PROTECTION AND BIODIVERSITY

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THE NETHERLANDS

ATLANTIC REGION

**Conclusions on representativity within pSCI of
habitat types and species.**

**Meeting held at Brussels, Belgium.
24 June 2003**



The following codes have been used in these conclusions

CODE	MEANING
SUF	<u>Sufficient representation</u> , no more sites need to be proposed
SUF (CD)	<u>Sufficient representation</u> , no more sites need to be proposed <u>provided</u> some corrections to data are made (e.g. ensure all obligatory fields are complete).
Marine reserve	General scientific reserve due to scientific uncertainty about habitat and species distribution in marine (offshore) waters

a) Habitats

The Dutch proposals for the following habitats were assessed as sufficient and no further sites need to be proposed

Code	P	Habitat type	Conclusion	Comment
1130		Estuaries	SUF	
1140		Mudflats and sandflats not covered by seawater at low tide	SUF	
1160		Large shallow inlets and bays	SUF	
1320		Spartina swards (<i>Spartinion maritimae</i>)	SUF	
2110		Embryonic shifting dunes	SUF	
2180		Wooded dunes of the Atlantic, Continental and Boreal region	SUF	
2310		Dry sand heaths with <i>Calluna</i> and <i>Genista</i>	SUF	
2320		Dry sand heaths with <i>Calluna</i> and <i>Empetrum nigrum</i>	SUF	
2330		Inland dunes with open <i>Corynephorus</i> and <i>Agrostis</i> grasslands	SUF	
3110		Oligotrophic waters containing very few minerals of sandy plains (<i>Littorelletalia uniflorarum</i>)	SUF	
3130		Oligotrophic to mesotrophic standing waters with vegetation of the <i>Littorelletea uniflorae</i> and/or of the <i>Isoeto-Nanojuncetea</i>	SUF	
3140		Hard oligo-mesotrophic waters with benthic vegetation of <i>Chara</i> spp.	SUF	
3150		Natural eutrophic lakes with <i>Magnopotamion</i> or <i>Hydrocharition</i> -type vegetation	SUF	
3160		Natural dystrophic lakes and ponds	SUF	
3260		Water courses of plain to montane levels with the <i>Ranunculion fluitantis</i> and <i>Callitriche-Batrachion</i> vegetation	SUF / Scientific reserve	Check deleted site in North
3270		Rivers with muddy banks with <i>Chenopodion rubri</i> p.p. and <i>Bidention</i> p.p. vegetation	SUF	
4010		Northern Atlantic wet heaths with <i>Erica tetralix</i>	SUF	

Code	P	Habitat type	Conclusion	Comment
5130		Juniperus communis formations on heaths or calcareous grasslands	SUF	
6110	*	Rupicolous calcareous or basophilic grasslands of the Alysso-Sedion albi	SUF	
6120	*	Xeric sand calcareous grasslands	SUF	
6130		Calaminarian grasslands of the Violetalia calaminariae	SUF	
6510		Lowland hay meadows (Alopecurus pratensis, Sanguisorba officinalis)	SUF	
7110	*	Active raised bogs	SUF	
7140		Transition mires & Quaking bogs	SUF	
9110		Luzulo-Fagetum beech forests	SUF	

The following habitats were assessed as ‘sufficient subject to correction of data’, i.e. the proposals cover sufficient areas with a good geographical distribution but the standard data forms and associated database require some corrections.

Code	P	Habitat type	Conclusion	Comment
1310		Salicornia and other annuals colonizing mud and sand	SUF (CD)	
1330		Atlantic salt meadows (Glauco-Puccinellietalia maritimae)	SUF (CD)	
2120		Shifting dunes along the shoreline with Ammophila arenaria (white dunes)	SUF (CD)	
2130	*	Fixed coastal dunes with herbaceous vegetation (grey dunes)	SUF (CD)	
2140	*	Decalcified fixed dunes with Empetrum nigrum	SUF (CD)	
2150	*	Atlantic decalcified fixed dunes (Calluno-Ulicetea)	SUF (CD)	
2160		Dunes with Hippophae rhamnoides	SUF (CD)	
2170		Dunes with Salix repens ssp. argentea (Salicion arenariae)	SUF (CD)	
2190		Humid dune slacks	SUF (CD)	
4030		European dry heaths	SUF (CD)	
6210	*	Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometalia)(*important orchid sites)	SUF (CD)	
6230	*	Species-rich Nardus grasslands, on siliceous substrates in mountain areas (and submountain areas in Continental Europe)	SUF (CD)	
6410		Molinia meadows on calcareous, peaty or clayey-silt-laden soils (Molinion caenuleae)	SUF (CD)	
6430		Hydrophilous tall herb fringe communities of plains and of the montane to alpine levels	SUF (CD) / scientific review	Check if present in sites to West
7120		Degraded raised bogs still capable of natural regeneration	SUF (CD)	

Code	P	Habitat type	Conclusion	Comment
7150		Depressions on peat substrates of the Rhynchosporion	SUF (CD)	
7210	*	Calcareous fens with <i>Cladium mariscus</i> and species of the Caricion davallianae	SUF (CD)	
7220	*	Petrifying springs with tufa formation (Cratoneurion)	SUF (CD)	
7230		Alkaline fens	SUF (CD)	
9120		Atlantic acidophilous beech forests with <i>Ilex</i> and sometimes also <i>Taxus</i> in the shrublayer (Quercion robori-petraeae or Ilici-Fagenion)	SUF (CD)	
9160		Sub-Atlantic and medio-European oak or oak-hornbeam forests of the Carpinion betuli	SUF (CD)	
9190		Old acidophilous oak woods with <i>Quercus robur</i> on sandy plains	SUF (CD)	
91D0	*	Bog woodland	SUF (CD)	
91E0	*	Alluvial forests with <i>Alnus glutinosa</i> and <i>Fraxinus excelsior</i> (Alno-Padion, Alnion incanae, Salicion alvae)	SUF (CD)	
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 (Ulmenion minoris)	SUF (CD)	

The following habitat also occurs beyond 12 nautical miles and is subject to a general reserve

Code	P	Habitat type	Conclusion	Comment
1110		Sandbanks which are slightly covered by sea water all the time	Marine reserve	

b) Species

The Dutch proposals for the following species were assessed as sufficient and no further sites need to be proposed

Code	P	Species Name	Member States	Conclusions
1014		<i>Vertigo angustior</i>	NL	SUF
1016		<i>Vertigo moulinsiana</i>	NL	SUF
1037		<i>Ophiogomphus cecilia</i>	NL	SUF
1059		<i>Maculinea teleius</i>	NL	SUF
1060		<i>Lycaena dispar</i>	NL	SUF
1061		<i>Maculinea nausithous</i>	NL	SUF
1078	*	<i>Callimorpha quadripunctaria</i>		SUF
1082		<i>Graphoderus bilineatus</i>	NL	SUF
1083		<i>Lucanus cervus</i>	NL	SUF
1096		<i>Lampetra planeri</i>	NL	SUF

Code	P	Species Name	Member States	Conclusions
1102		Alosa alosa	NL	SUF
1103		Alosa fallax	NL	SUF
1134		Rhodeus sericeus amarus	NL	SUF
1145		Misgurnus fossilis	NL	SUF
1149		Cobitis taenia	NL	SUF / check the presence in other proposed sites
1163		Cottus gobio	NL	SUF
1166		Triturus cristatus	NL	SUF / check the presence in other proposed sites
1193		Bombina variegata	NL	SUF
1318		Myotis dasycneme	NL	SUF
1321		Myotis emarginatus	NL	SUF
1324		Myotis myotis	NL	SUF
1337		Castor fiber	NL	SUF
1340	*	Microtus oeconomus arenicola	NL	SUF
1393		Drepanocladus vernicosus	NL	SUF
1614		Apium repens	NL	SUF
1831		Luronium natans	NL	SUF
1903		Liparis loeselii	NL	SUF

The following species were assessed as ‘sufficient subject to correction of data’, i.e. the proposals cover sufficient areas with a good geographical distribution but the standard data forms and associated database require some corrections.

Code	P	Species Name	Member States	Conclusions
1042		Leucorrhinia pectoralis	NL	SUF (CD)
1095		Petromyzon marinus	NL	SUF (CD)
1099		Lampetra fluviatilis	NL	SUF (CD) / Scientific reserve (in existing sites ?)
1106		Salmo salar	NL	SUF (CD)

The following species also occur beyond 12 nautical miles and are subject to a general reserve

Code	P	Species Name	Member States	Conclusions
1351		Phocoena phocoena	NL	Marine reserve
1364		Halichoerus grypus	NL	Marine reserve
1365		Phoca vitulina	NL	Marine reserve