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## Summary of progress: Annex I habitats

See endnotes for further interpretation.

EU habitat code	Habitat name	Number of cSACs, November 2001 <sup>i</sup>	Total extent within cSAC series (ha) <sup>ii</sup>	% representation within cSAC series <sup>iii</sup>	Conclusion of 2002 Atlantic Region meeting <sup>iv</sup>	Actions resulting from conclusions of meeting	Number of cSACs, Feb 2002 <sup>v</sup>	Number of pSACs & proposed additional features <sup>vi</sup>	Total extent within SAC series (cSACs + pSACs) (ha) <sup>vii</sup>	% representation within SAC series <sup>viii</sup>	Summary
1110	Sandbanks which are slightly covered by sea water all the time	21	319,105	-	Scientific reserve (Marine Review)		22	3	482,538	-	1 additional site submitted + 3 proposed additional features
1130	Estuaries	15	150,715	53%	Insufficiently represented (moderate) – geographical coverage, & subject to review of boundaries	<b>Extension proposed to 1 cSAC in NW England + 3 proposed additional sites</b>	15	3	243,954	86%	1 extension + 3 additional sites proposed
1140	Mudflats and sandflats not covered by seawater at low tide	25	140,214	48%	Insufficiently represented (minor) – add data	<b>Extension proposed to 1 cSAC in NW England + 3 proposed additional sites</b>	26	3	192,080	66%	1 additional site submitted + 1 proposed extension + 3 additional sites proposed
1150	Coastal lagoons	19	2,671	67%	Sufficient		19	1	2,655	66%	1 additional site submitted Area change due to revised data.
1160	Large shallow inlets and bays	13	248,403	37%	Insufficiently represented (moderate) – geographical coverage (SW Scotland)	<b>1 new pSAC proposed in SW Scotland</b>	13	1	334,411	50%	1 additional site proposed. Area change due to revised data
1170	Reefs	32	232,004	-	Scientific reserve (Marine Review)		32	2	231,081	-	2 additional sites proposed Area change due to revised data
1210	Annual vegetation of drift lines	12	183	-	Sufficient		12	1	185	-	1 additional feature proposed
1220	Perennial vegetation of stony banks	12	3,381	66%	Sufficient		12		3,387	66%	Area change due to revised data.
1230	Vegetated sea cliffs of the Atlantic and Baltic coasts	38	8,659	-	Insufficiently represented (moderate) – geographical coverage (SE England)	<b>1 new pSAC proposed in SE England</b>	38	2	8,675	-	1 additional site + 1 additional feature proposed
1310	<i>Salicornia</i> and other annuals colonising mud and sand	10	1,936	81%	Sufficient		11	2	2,580	-	1 additional site submitted + 2 proposed additional features
1320	<i>Spartina</i> swards ( <i>Spartinion maritimae</i> )	2	130	100% (native examples only)	Sufficient		2		130	100% (native examples only)	
1330	Atlantic salt meadows ( <i>Glaucopuccinellietalia maritimae</i> )	23	20,436	70%	Sufficient		23	3	24,097	83%	3 additional sites proposed Area change due to revised data
1340	Inland salt meadows	1	1	100%	Sufficient		1		1	100%	
1420	Mediterranean and thermo-Atlantic halophilous scrubs ( <i>Sarcocornetea fruticosi</i> )	4	179	-	Sufficient		4		156	-	Area change due to revised data.
2110	Embryonic shifting dunes	22	574	-	Sufficient		22	2	468	-	2 additional features proposed. Area change due to revised data.

## Habitats Directive features in the UK: summary of progress since June 2002 Atlantic Biogeographical Region meeting.

## ANNEX TO JNCC 03 N03

EU habitat code	Habitat name	Number of cSACs, November 2001 <sup>i</sup>	Total extent within cSAC series (ha) <sup>ii</sup>	% representation within cSAC series <sup>iii</sup>	Conclusion of 2002 Atlantic Region meeting <sup>iv</sup>	Actions resulting from conclusions of meeting	Number of cSACs, Feb 2002 <sup>v</sup>	Number of pSACs & proposed additional features <sup>vi</sup>	Total extent within SAC series (cSACs + pSACs) (ha) <sup>vii</sup>	% representation within SAC series <sup>viii</sup>	Summary
2120	Shifting dunes along the shoreline with <i>Ammophila arenaria</i> ('white dunes')	31	1,385	62%	Sufficient		32	2	1,787	81%	1 additional site submitted + 2 proposed additional features
2130	Fixed dunes with herbaceous vegetation ('grey dunes')	30	9,208	41%	Insufficiently represented (moderate) – geographical coverage (north Scotland & Sefton Coast)	<b>Submitted as qualifying feature for extended Sefton Coast cSAC.</b> <b>No suitable additional sites identified in north Scotland.</b>	30	2	9,781	44%	1 additional feature submitted + 2 proposed additional features
2140	Decalcified fixed dunes with <i>Empetrum nigrum</i>	2	429	-	Sufficient		2		429	-	
2150	Atlantic decalcified fixed dunes ( <i>Calluno-Ulicetea</i> )	9	1,343	-	Sufficient		10		1,426	-	1 additional site submitted
2160	Dunes with <i>Hippophae rhamnoides</i>	1	185	100% (native examples only)	Sufficient		1		185	100% (native examples only)	
2170	Dunes with <i>Salix repens</i> ssp. <i>argentea</i> ( <i>Salicion arenariae</i> )	14	566	90%	Sufficient		14		458	73%	Area change due to revised data.
2190	Humid dune slacks	25	1,290	72%	Sufficient		25	1	1,275	71%	1 additional feature proposed. Area change due to revised data.
21A0	Machairs	6	5,207	39%	Scientific reserve – clarify interpretation	<b>Paper produced clarifying interpretation.</b>	6	2	5,208	39%	2 additional sites proposed. Area change due to revised data.
2250	Coastal dunes with <i>Juniperus</i> spp.	2	20	>90%	Sufficient		2		20	>90%	
2330	Inland dunes with open <i>Corynephorus</i> and <i>Agrostis</i> grasslands	1	121	100%	Sufficient		1		121	100%	
3110	Oligotrophic waters containing very few minerals of sandy plains ( <i>Littorelletalia uniflorae</i> )	4	404	81%	Sufficient		4		404	81%	
3130	Oligotrophic to mesotrophic standing waters with vegetation of the <i>Littorelletea uniflorae</i> and/or of the <i>Isoëto-Nanojuncetea</i>	44	19,867	13%	Scientific reserve – explanation of reference data required (low % cover)	<b>Paper produced reviewing reference data</b>	45	2	21,899	15%	1 additional site submitted; 2 proposed additional features
3140	Hard oligo-mesotrophic waters with benthic vegetation of <i>Chara</i> spp.	15	717	72%	Sufficient		15		718	72%	Area change due to revised data.
3150	Natural eutrophic lakes with <i>Magnopotamion</i> or <i>Hydrocharition</i> -type vegetation	16	5,263	-	Scientific reserve – possible sites in Yorkshire	<b>No suitable additional sites for SAC selection identified in Yorkshire.</b>	16		5,260	-	Area change due to revised data.
3160	Natural dystrophic lakes and ponds	22	2,497	-	Sufficient		22	1	2,526	46%	1 additional feature proposed

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3170	Mediterranean temporary ponds	1	65	100%	Sufficient		1		65	100%	
3180	Turloughs	2	7	100%	Sufficient		2		7	100%	
3260	Water courses of plain to montane levels with the <i>Ranunculus fluitantis</i> and <i>Callitriche-Batrachion</i> vegetation	20	2,382	-	Sufficient		20	2	2,712	-	2 additional sites proposed
4010	Northern Atlantic wet heaths with <i>Erica tetralix</i>	69	102,077	22%	Sufficient		69	3	98,861	21%	3 additional sites proposed
4020	Temperate Atlantic wet heaths with <i>Erica ciliaris</i> and <i>Erica tetralix</i>	4	446	-	Sufficient		4		446	-	
4030	European dry heaths	108	200,211	19%	Insufficiently represented (moderate) – a) <i>Arctostaphylos</i> heaths (H16); b) oceanic <sup>1</sup> subtypes (e.g. NVC types H10 and H21); c) upland heaths in N England/ Sufficient Scotland; d) lowland Scottish heaths, e.g. Angus, Aberdeenshire	<b>a) 2 new pSACs proposed in NW Scotland</b> <b>c) 2 new pSACs proposed in NE England; 1 new pSAC proposed in NW England</b> <b>No suitable additional sites for SAC selection identified in lowland Scotland or southern Scotland</b>	109	6	202,400	19%	1 additional site submitted; 6 proposed. Paper produced to assess representation of full range of sub-types.
4040	Dry Atlantic coastal heaths with <i>Erica vagans</i>	1	599	100%	Sufficient		1		599	100%	
4060	Alpine and Boreal heaths	31	15,641	17%	Insufficiently represented (moderate) – Scottish liverwort-rich heaths		31	2	15,914	17%	2 additional sites proposed
4080	Sub-Arctic <i>Salix</i> spp. Scrub	15	13	>95%	Sufficient		15		26	>95%	Area change due to revised data.
5110	Stable xerothermophilous formations with <i>Buxus sempervirens</i> on rock slopes ( <i>Berberidion</i> p.p.)	1	257	100%	Sufficient		1		257	100	
5130	<i>Juniperus communis</i> formations on heaths or calcareous grasslands	17	1,817	-	Sufficient		17		1,798	-	Area change due to revised data.
6130	Calaminarian grasslands of the <i>Violetalia calaminariae</i>	20	308	-	Sufficient		20		330	-	Area change due to revised data.
6150	Siliceous alpine and boreal grasslands	27	33,128	22%	Insufficiently represented (moderate) – geographical coverage (subject to possible additional sites for 4060)		27	2	33,344	22%	2 additional sites proposed Area change due to revised data

<sup>1</sup> 'Oceanic' in biogeographically western, liverwort-rich sense – not necessarily maritime heaths.

## Habitats Directive features in the UK: summary of progress since June 2002 Atlantic Biogeographical Region meeting.

## ANNEX TO JNCC 03 N03

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6170	Alpine and subalpine calcareous grasslands	15	681	-	Sufficient		15		687	-	Area change due to revised data.
6210	Semi-natural dry grasslands and scrubland facies: on calcareous substrates ( <i>Festuco-Brometalia</i> )	45	31,493	>59%	Scientific reserve – orchid-rich sub-type		45		31,492	>59%	Area change due to revised data.
6211	Semi-natural dry grasslands and scrubland facies: on calcareous substrates ( <i>Festuco-Brometalia</i> ) (important orchid sites)	14	2,058	-	Scientific reserve – orchid-rich sub-type	<b>1 new pSAC proposed in SE England; 1 additional qualifying feature proposed in SE England</b>	14	2	2,058	-	1 additional site + 1 additional feature proposed
6230	Species-rich <i>Nardus</i> grassland, on siliceous substrates in mountain areas (and submountain areas in continental Europe)	22	4,494	-	Sufficient		22		4,644	-	Area change due to revised data.
6410	<i>Molinia</i> meadows on calcareous, peaty or clayey-silt-laden soils ( <i>Molinion caeruleae</i> )	34	2,011	-	Sufficient		34		2,043	68%	Area change due to revised data.
6430	Hydrophilous tall herb fringe communities of plains and of the montane to alpine levels	27	324	-	Sufficient		27	1	366	-	1 additional site proposed Area change due to revised data
6510	Lowland hay meadows ( <i>Alopecurus pratensis</i> , <i>Sanguisorba officinalis</i> )	5	672	45%	Sufficient		5		672	45%	
6520	Mountain hay meadows	2	716	72%	Sufficient		2		732	73%	Area change due to revised data.
7110	Active raised bogs	43	7,001	-	Insufficiently represented (moderate) – geographical coverage and % representation (Northern Ireland)	<b>6 new pSACs proposed in Northern Ireland</b>	46	7	7,460	-	3 additional sites submitted; 7 proposed
7120	Degraded raised bogs still capable of natural regeneration	30	4,606	-	Insufficiently represented (moderate) – geographical coverage (3 pSACs and 2 amended cSACs in England)	<b>2 pSACs + 1 cSAC extension proposed in England</b>	33	4	7,283	-	3 additional sites submitted + 3 proposed additional sites + 1 proposed site extension
7130	Blanket bogs	72	349,424	15% (maximum) Likely to be in range 12-15%	Scientific reserve – check reference data	<b>Paper produced reviewing reference data.</b>	75	1	357,327	16%	3 additional sites submitted + 1 proposed Area change due to revised data
7140	Transition mires and quaking bogs	38	3,217	-	Insufficiently represented (moderate) – geographical coverage (England & Scotland)	<b>1 new pSAC proposed in NE England; 1 new pSAC proposed in NW England; 1 additional qualifying feature proposed in SW England</b> <b>No additional sites identified in Scotland</b>	37	4	3,330	-	Net reduction by 1 cSAC due to revised data (downgrading of qualifying feature)

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7150	Depressions on peat substrates of the <i>Rhynchosporion</i>	32	1,427	-	Sufficient		32		1,406	-	
7210	Calcareous fens with <i>Cladium mariscus</i> and species of the <i>Caricion davallianae</i>	13	914	-	Sufficient		13		916	-	Area change due to revised data.
7220	Petrifying springs with tufa formation ( <i>Cratoneurion</i> )	17	1,271	-	Sufficient		17		122	-	Area change due to revised data.
7230	Alkaline fens	48	1,775	-	Sufficient		48	1	1,799	-	Area change due to revised data
7240	Alpine pioneer formations of the <i>Caricion bicoloris-atrofuscae</i>	15	1,487	-	Sufficient		15		364	-	Area change due to revised data.
8110	Siliceous scree of the montane to snow levels ( <i>Androsacetalia alpinae</i> and <i>Galeopsietalia ladani</i> )	27	13,207	20%	Insufficiently represented (moderate) – geographical coverage (subject to possible additional sites for 4060)	<b>2 new pSACs proposed in NW Scotland</b>	27	2	13,225	20%	2 additional sites proposed Area change due to revised data
8120	Calcareous and calcshist screes of the montane to alpine levels ( <i>Thlaspietea rotundifolii</i> )	11	824	-	Sufficient		11		838	-	Area change due to revised data.
8210	Calcareous rocky slopes with chasmophytic vegetation	36	2,319	-	Sufficient		35		2,059	-	Net reduction by 1 cSAC due to revised data (downgrading of qualifying feature)
8220	Siliceous rocky slopes with chasmophytic vegetation	31	8,069	20%	Insufficiently represented (moderate) – geographical coverage (subject to possible additional sites for 4060)	<b>2 new pSACs proposed in NW Scotland</b>	31	2	8,217	21%	2 additional sites proposed
8240	Limestone pavements	11	2,478	85%	Sufficient		11		2,476	85%	Area change due to revised data.
8310	Caves not open to the public	6	173	-	Sufficient		6		174	-	Area change due to revised data.
8330	Submerged or partially submerged sea caves	15	2,650	-	Scientific reserve (Marine Review)		15		2,640	-	Area change due to revised data.
9120	Atlantic acidophilous beech forests with <i>Ilex</i> and sometimes also <i>Taxus</i> in the shrublayer ( <i>Quercion robori-petraeae</i> or <i>Ilici-Fagenion</i> )	7	3,709	51%	Sufficient		7		3,710	51%	Area change due to revised data.
9130	<i>Asperulo-Fagetum</i> beech forests	11	2,324	19%	Insufficiently represented (moderate) – geographical coverage (north Chilterns)	<b>Extension to 1 cSAC proposed in SE England</b>	11		2,334	19%	1 cSAC extension proposed
9160	Sub-Atlantic and medio-European oak or oak-hornbeam forests of the <i>Carpinion betuli</i>	2	373	37%	Sufficient		2		373	37%	

Habitats Directive features in the UK: summary of progress since June 2002 Atlantic Biogeographical Region meeting.

ANNEX TO JNCC 03 N03

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9180	<i>Tilio-Acerion</i> forests of slopes, screes and ravines	46	5,684	-	Scientific reserve – check interpretation against other Member States	<b>Paper produced reviewing interpretation.</b>	46	3	5,797	50%	1 additional site proposed + 2 proposed additional qualifying features
9190	Old acidophilous oak woods with <i>Quercus robur</i> on sandy plains	7	1,301	29%	Sufficient		7		1,301	29%	
91A0	Old sessile oak woods with <i>Ilex</i> and <i>Blechnum</i> in the British Isles	65	18,440	19%	Insufficiently represented (moderate)	<b>2 new pSACs + extensions to 4 cSACs + 1 additional qualifying feature proposed</b>	65	3	17,036	19%	2 additional sites + 4 cSAC extensions + 1 additional feature proposed
91C0	Caledonian forest	12	15,223	60%	Sufficient		12		15,175	60%	Area change due to revised data.
91D0	Bog woodland	17	727	61%	Sufficient		17		976	81%	Area change due to revised data.
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> )	34	2,917	-	Sufficient		35		3,112	50%	1 additional site submitted
91J0	<i>Taxus baccata</i> woods of the British Isles	13	682	44%	Sufficient		13		683	44%	Area change due to revised data.

## Summary of progress: Annex II species

See endnotes for further interpretation.

EU species code	Species name	Number of cSACs, November 2001 <sup>1</sup>	Conclusion	Actions resulting from conclusions of meeting	Number of cSACs, February 2002	Number of pSACs & proposed additions, February 2002	Summary
1013	<i>Vertigo geyeri</i> Geyer's whorl snail	7	Sufficient		7		
1014	<i>Vertigo angustior</i> Narrow-mouthed whorl snail	3	Scientific reserve – check in Scotland	No additional populations suitable for SAC selection identified in Scotland	3	1	1 additional qualifying feature proposed (Northern Ireland).
1015	<i>Vertigo genesii</i> Round-mouthed whorl snail	3	Sufficient		3		
1016	<i>Vertigo moulinsiana</i> Desmoulin's whorl snail	9	Sufficient		9		
1029	<i>Margaritifera margaritifera</i> Freshwater pearl mussel	25	Sufficient		26		1 additional site submitted
1044	<i>Coenagrion mercuriale</i> Southern damselfly	10	Sufficient		10		
1065	<i>Euphydryas aurinia</i> Marsh fritillary	31	Insufficiently represented (moderate) – geographical coverage (Northern Ireland)	<b>2 new pSACs proposed in Northern Ireland</b>	31	2	2 additional sites proposed
1079	<i>Limoniscus violaceus</i> Violet click beetle	3	Sufficient		3		
1083	<i>Lucanus cervus</i> Stag beetle	5	Sufficient + scientific reserve – Low proportion. Check whether additional sites can be identified	Data reviewed, and additional data sought from NGOs. No additional populations suitable for SAC selection identified.	5		
1092	<i>Austropotamobius pallipes</i> White-clawed or Atlantic stream crayfish	10	Sufficient		10		
1095	<i>Petromyzon marinus</i> Sea lamprey	18	Sufficient		19	4	1 additional site submitted; 4 proposed
1096	<i>Lampetra planeri</i> Brook lamprey	16	Sufficient		17	1	1 additional site submitted; 1 proposed
1099	<i>Lampetra fluviatilis</i> River lamprey	16	Sufficient		17	4	1 additional site submitted; 4 proposed
1102	<i>Alosa alosa</i> Allis shad	6	Sufficient		6		
1103	<i>Alosa fallax</i> Twaite shad	5	Sufficient		5	1	1 additional site proposed
1106	<i>Salmo salar</i> Atlantic salmon	28	Insufficiently represented (moderate) – geographical coverage (Northern Ireland; Rivers Dee and Tay in Scotland)	<b>2 cSACs submitted in Scotland</b> <b>1 new pSAC proposed in Northern Ireland; 1 additional qualifying feature proposed in Northern Ireland</b>	31	2	2 additional sites + 1 additional feature submitted; 1 additional site + 1 additional feature proposed

EU species code	Species name	Number of cSACs, November 2001 <sup>1</sup>	Conclusion	Actions resulting from conclusions of meeting	Number of cSACs, February 2002	Number of pSACs & proposed additions, February 2002	Summary
1149	<i>Cobitis taenia</i> Spined loach	5	Sufficient		5		
1163	<i>Cottus gobio</i> Bullhead	17	Sufficient		17	1	
1166	<i>Triturus cristatus</i> Great crested newt	29	Insufficiently represented (moderate) – (Dorset)	<b>New and/or extended sites under consideration (Dorset)</b> – Awaiting Spring 2003 survey data to inform decision	30		1 additional site submitted
1303	<i>Rhinolophus hipposideros</i> Lesser horseshoe bat	13	Sufficient		13		
1304	<i>Rhinolophus ferrumequinum</i> Greater horseshoe bat	11	Sufficient		11		
1308	<i>Barbastella barbastellus</i> Barbastelle	4	Scientific reserve – check new data	<b>3 new pSACs proposed; 1 additional qualifying feature proposed</b>	4	4	3 additional sites + 1 additional feature proposed
1323	<i>Myotis bechsteinii</i> Bechstein's bat	6	Scientific reserve – check new data	<b>2 new pSACs proposed; 1 additional qualifying feature proposed</b>	6	3	2 additional sites + 1 additional feature proposed
1349	<i>Tursiops truncatus</i> Bottlenose dolphin	3	Scientific reserve (Marine Review)		3		
1351	<i>Phocoena phocoena</i> Harbour porpoise	0	Scientific reserve (Marine Review)		0	-	
1355	<i>Lutra lutra</i> Otter	70	Sufficient		71	2	2 additional sites submitted; 1 additional site proposed; 1 additional feature proposed
1364	<i>Halichoerus grypus</i> Grey seal	11	Scientific reserve (Marine Review)		11		
1365	<i>Phoca vitulina</i> Common seal	10	Scientific reserve (Marine Review)		11	1	1 additional site submitted; 1 additional site proposed
1386	<i>Buxbaumia viridis</i> Green shield-moss	1	Sufficient (subject to data correction)	<b>Data correction submitted</b>	2		1 additional feature submitted
1390	<i>Marsipella profunda</i> Western rustwort	3	Sufficient		3		
1393	<i>Drepanocladus vernicosus</i> Slender green feather-moss	9	Sufficient		10		1 additional feature submitted
1395	<i>Petalophyllum ralfsii</i> Petalwort	12	Insufficiently represented (moderate) – (Sefton Coast)	<b>Submitted</b> as qualifying feature for extended Sefton Coast cSAC	13	1	1 additional feature submitted; 1 additional feature proposed
1421	<i>Trichomanes speciosum</i> Killarney fern	4	Sufficient		4		
1441	<i>Rumex rupestris</i> Shore dock	9	Sufficient		9	1	
1528	<i>Saxifraga hirculus</i> Marsh saxifrage	5	Sufficient		5		
1614	<i>Apium repens</i> Creeping marshwort	1	Sufficient		1		
1654	<i>Gentianella anglica</i> Early gentian	13	Sufficient		13		

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1831	<i>Luronium natans</i> Floating water-plantain	13	Sufficient		13	1	1 additional feature submitted
1833	<i>Najas flexilis</i> Slender naiad	5	Insufficiently represented (moderate) – geographical coverage (mainland west Scotland)	No additional populations suitable for SAC selection identified.	5		
1902	<i>Cypripedium calceolus</i> Lady's-slipper orchid	1	Sufficient		1		
1903	<i>Liparis loeselii</i> Fen orchid	3	Sufficient		3		

<sup>i</sup> cSACs submitted to the EC after November 2001 (SAC Tranche 20) were not taken into account at the June 2002 meeting. The numbers of sites for each habitat and species refer to qualifying examples (global grades A-C) only.

<sup>ii</sup> For habitats, the percentage representation figures are derived from the cSAC habitat extent figures provided by the country agencies for the Natura 2000 standard data forms as submitted to the EC. The percentage representation figures are based on habitat occurrences in the cSAC series at all grades, i.e. including non-qualifying (D-grade) features. On many sites, small occurrences of non-qualifying habitats were given a nominal extent figure of zero, and were therefore not included in the percentage representation figures.

<sup>iii</sup> For habitats with a total UK extent estimated to lie within relatively narrow limits, and for which a median figure is given, a median % estimate is also given here. The figure is for submitted features on cSACs only.

<sup>iv</sup> S = Sufficient representation; I = Insufficient representation; SR = Scientific reserve. Where a specific reason for insufficiency was given (e.g. insufficient geographical coverage), this is stated.

<sup>v</sup> The numbers of sites for each habitat and species refer to qualifying examples (global grades A-C) only.

<sup>vi</sup> The numbers of sites for each habitat and species refer to qualifying examples (global grades A-C) only.

<sup>vii</sup> **Final extent figures for some habitats on some pSACs and proposed cSAC extensions are not yet available.** The percentage representation figures are based on habitat occurrences in the SAC series at all grades, i.e. including non-qualifying (D-grade) features.

<sup>viii</sup> Where habitat extents on pSACs are not yet available, they are not included in the provisional percentage representation figures.

Shading indicates habitats that were found to be sufficiently represented at the 1999 Kilkee Atlantic Biogeographical Region meeting, and for which discussion was not reopened at the June 2002 Hague meeting.