

Annex I - Draft overall crosswalk for EUNIS Wetland habitats and related Annex I habitat types according to Ramsar Wetland types

Ramsar - Corine Land Cover relationship provided by David Stroud (see tab Original_RAM SAR-CLC)
 MAES class as defined in the first MAES report (Maes et al., 2013)
 Annex I - EUNIS relationship from the SWOS technical report (Fitoka et al., 2017)
 Ramsar - CLC relationship in SWOS and modified MAES classes from the SWOS technical report (Fitoka et al., 2017) - (see tab MAES(SWOS-CLC-Ramsar))

Relation	
#	The classes have elements in common
>	many-to-one relationship
<	one-to-many relationship
=	The classes match

	Relationships with issues. Support needed from ETC/BD
	CLC classes not matching between David Stroud version and SWOS

References

Fitoka, E., G. Poulis, C. Perennou, S. Thulin, D. Abdul Malak, J. Franke, A. Guelmani, C. Schröder, 2017. The wetland ecosystems in MAES nomenclature: SWOS modifications (v.1.2). SWOS Technical publication. Available at https://www.researchgate.net/publication/316857754_The_wetland_ecosystems_in_MAES_nomenclature_SWOS_modifications_v12

Maes J, Teller A, Erhard M, Liqueste C, Braat L, Berry P, Egoh B, Puydarrieux P, Fiorina C, Santos F, Paracchini ML, Keune H, Wittmer H, Hauck J, Fiala I, Verburg PH, Condé S, Schägner JP, San Miguel J, Estreguil C, Ostermann O, Barredo JI, Pereira HM, Stott A, Laporte V, Meiner A, Olah B, Royo Gelabert E, Spyropoulou R, Petersen JE, Maguire C, Zal N, Achilleos E, Rubin A, Ledoux L, Brown C, Raes C, Jacobs S, Vandewalle M, Connor D, Bidoglio G (2013). Mapping and Assessment of Ecosystems and their Services. An analytical framework for ecosystem assessments under action 5 of the EU biodiversity strategy to 2020. Publications office of the European Union, Luxembourg

Keith, D.A., Ferrer-Paris, J.R., Nicholson, E. and Kingsford, R.T. (eds.) (2020). The IUCN Global Ecosystem Typology 2.0: Descriptive profiles for biomes and ecosystem functional groups. Gland, Switzerland: IUCN. <https://portals.iucn.org/library/sites/library/files/documents/2020-037-En.pdf>

CLC nomenclature <https://land.copernicus.eu/user-corner/technical-library/corine-land-cover-nomenclature-guidelines/html/index.html>

Marine/coastal wetlands	Coral reefs	C		5 Water bodies	5.2 Marine waters	5.2.3 Sea and ocean	5.2.3	Marine inlets and transitional waters	10.1.1 Marine waters less than six metres deep at low tide	A2.2	Littoral sand and muddy sand	1160	#	Multiple options to match EUNIS/RAMSAR/ANNEX 1
Marine/coastal wetlands	Coral reefs	C		5 Water bodies	5.2 Marine waters	5.2.3 Sea and ocean	5.2.3	Marine inlets and transitional waters	10.1.1 Marine waters less than six metres deep at low tide	A2.3	Littoral mud	1160	#	Multiple options to match EUNIS/RAMSAR/ANNEX 1
Marine/coastal wetlands	Coral reefs	C		5 Water bodies	5.2 Marine waters	5.2.3 Sea and ocean	5.2.3	Marine inlets and transitional waters	10.1.1 Marine waters less than six metres deep at low tide	A2.4	Littoral mixed sediments	1160	#	Multiple options to match EUNIS/RAMSAR/ANNEX 1
Marine/coastal wetlands	Rocky marine shores	D	includes rocky offshore islands, sea cliffs				5.2.3		10.1.1 Marine waters less than six metres deep at low tide	A1.1	High energy littoral rock	1160	#	Multiple options to match EUNIS/RAMSAR/ANNEX 1
Marine/coastal wetlands	Rocky marine shores	D	includes rocky offshore islands, sea cliffs				5.2.3		10.1.1 Marine waters less than six metres deep at low tide	A1.1	High energy littoral rock	1170	#	Multiple options to match EUNIS/RAMSAR/ANNEX 1
Marine/coastal wetlands	Rocky marine shores	D	includes rocky offshore islands, sea cliffs				5.2.3		10.1.1 Marine waters less than six metres deep at low tide	A1.2	Moderate energy littoral rock	1160	#	Multiple options to match EUNIS/RAMSAR/ANNEX 1
Marine/coastal wetlands	Rocky marine shores	D	includes rocky offshore islands, sea cliffs				5.2.3		10.1.1 Marine waters less than six metres deep at low tide	A1.2	Moderate energy littoral rock	1170	#	Multiple options to match EUNIS/RAMSAR/ANNEX 1
Marine/coastal wetlands	Rocky marine shores	D	includes rocky offshore islands, sea cliffs				5.2.3		10.1.1 Marine waters less than six metres deep at low tide	A1.3	Low energy littoral rock	1160	#	Multiple options to match EUNIS/RAMSAR/ANNEX 1
Marine/coastal wetlands	Rocky marine shores	D	includes rocky offshore islands, sea cliffs				5.2.3		10.1.1 Marine waters less than six metres deep at low tide	A1.3	Low energy littoral rock	1170	#	Multiple options to match EUNIS/RAMSAR/ANNEX 1
Marine/coastal wetlands	Rocky marine shores	D	includes rocky offshore islands, sea cliffs				5.2.3		10.1.1 Marine waters less than six metres deep at low tide	A1.4	Features of littoral rock	1160	#	Multiple options to match EUNIS/RAMSAR/ANNEX 1
Marine/coastal wetlands	Rocky marine shores	D	includes rocky offshore islands, sea cliffs				5.2.3		10.1.1 Marine waters less than six metres deep at low tide	A1.4	Features of littoral rock	1170	#	Multiple options to match EUNIS/RAMSAR/ANNEX 1
Marine/coastal wetlands	Rocky marine shores	D	includes rocky offshore islands, sea cliffs				5.2.3		10.1.1 Marine waters less than six metres deep at low tide	A1.4	Features of littoral rock	8330	#	Multiple options to match EUNIS/RAMSAR/ANNEX 1
Marine/coastal wetlands	Rocky marine shores	D	includes rocky offshore islands, sea cliffs				5.2.3		10.1.1 Marine waters less than six metres deep at low tide	A2.1	Littoral coarse sediment	1160	#	Multiple options to match EUNIS/RAMSAR/ANNEX 1
Marine/coastal wetlands	Rocky marine shores	D	includes rocky offshore islands, sea cliffs				5.2.3		10.1.1 Marine waters less than six metres deep at low tide	A2.2	Littoral sand and muddy sand	1160	#	Multiple options to match EUNIS/RAMSAR/ANNEX 1
Marine/coastal wetlands	Rocky marine shores	D	includes rocky offshore islands, sea cliffs				5.2.3		10.1.1 Marine waters less than six metres deep at low tide	A2.3	Littoral mud	1160	#	Multiple options to match EUNIS/RAMSAR/ANNEX 1
Marine/coastal wetlands	Rocky marine shores	D	includes rocky offshore islands, sea cliffs				5.2.3		10.1.1 Marine waters less than six metres deep at low tide	A2.4	Littoral mixed sediments	1160	#	Multiple options to match EUNIS/RAMSAR/ANNEX 1
Marine/coastal wetlands	Sand, shingle or pebble shores	E	includes sand bars, spits and sandy islets; includes dune systems and humid dune slacks	3 Forests and semi-natural areas	3.3 Open spaces with little or no vegetation	3.3.1 Beaches, dunes and sand plains	3.3.1	Sparsely vegetated areas	6.2.1.1 Beaches	B1.1	Sand beach driftlines	1210	#	
Marine/coastal wetlands	Sand, shingle or pebble shores	E	includes sand bars, spits and sandy islets; includes dune systems and humid dune slacks	3 Forests and semi-natural areas	3.3 Open spaces with little or no vegetation	3.3.1 Beaches, dunes and sand plains	3.3.1	Sparsely vegetated areas	6.2.1.1 Beaches	B1.1	Sand beach driftlines	1640	#	
Marine/coastal wetlands	Sand, shingle or pebble shores	E	includes sand bars, spits and sandy islets; includes dune systems and humid dune slacks	3 Forests and semi-natural areas	3.3 Open spaces with little or no vegetation	3.3.1 Beaches, dunes and sand plains	3.3.1	Sparsely vegetated areas	6.2.1.1 Beaches	B1.2	Sand beaches above the drift line	1610	#	
Marine/coastal wetlands	Sand, shingle or pebble shores	E	includes sand bars, spits and sandy islets; includes dune systems and humid dune slacks	3 Forests and semi-natural areas	3.3 Open spaces with little or no vegetation	3.3.1 Beaches, dunes and sand plains	3.3.1	Sparsely vegetated areas	6.2.1.1 Beaches	B1.2	Sand beaches above the drift line	1640	#	
Marine/coastal wetlands	Sand, shingle or pebble shores	E	includes sand bars, spits and sandy islets; includes dune systems and humid dune slacks	3 Forests and semi-natural areas	3.3 Open spaces with little or no vegetation	3.3.1 Beaches, dunes and sand plains	3.3.1	Sparsely vegetated areas	6.2.1.2 Coastal and fluvial dunes without vegetation	B1.3	Shifting coastal dunes	1640	#	
Marine/coastal wetlands	Sand, shingle or pebble shores	E	includes sand bars, spits and sandy islets; includes dune systems and humid dune slacks	3 Forests and semi-natural areas	3.3 Open spaces with little or no vegetation	3.3.1 Beaches, dunes and sand plains	3.3.1	Sparsely vegetated areas	6.2.1.2 Coastal and fluvial dunes without vegetation	B1.3	Shifting coastal dunes	2110	>	
Marine/coastal wetlands	Sand, shingle or pebble shores	E	includes sand bars, spits and sandy islets; includes dune systems and humid dune slacks	3 Forests and semi-natural areas	3.3 Open spaces with little or no vegetation	3.3.1 Beaches, dunes and sand plains	3.3.1	Sparsely vegetated areas	6.2.1.2 Coastal and fluvial dunes without vegetation	B1.3	Shifting coastal dunes	2120	>	
Marine/coastal wetlands	Sand, shingle or pebble shores	E	includes sand bars, spits and sandy islets; includes dune systems and humid dune slacks	3 Forests and semi-natural areas	3.3 Open spaces with little or no vegetation	3.3.1 Beaches, dunes and sand plains	3.3.1	Sparsely vegetated areas	6.2.1.3 River banks	C3.5	Periodically inundated shores with pioneer and ephemeral vegetation	3220	<	
Marine/coastal wetlands	Sand, shingle or pebble shores	E	includes sand bars, spits and sandy islets; includes dune systems and humid dune slacks	3 Forests and semi-natural areas	3.3 Open spaces with little or no vegetation	3.3.1 Beaches, dunes and sand plains	3.3.1	Sparsely vegetated areas	6.2.1.3 River banks	C3.5	Periodically inundated shores with pioneer and ephemeral vegetation	3250	<	
Marine/coastal wetlands	Sand, shingle or pebble shores	E	includes sand bars, spits and sandy islets; includes dune systems and humid dune slacks	3 Forests and semi-natural areas	3.3 Open spaces with little or no vegetation	3.3.1 Beaches, dunes and sand plains	3.3.1	Sparsely vegetated areas	6.2.1.3 River banks	C3.5	Periodically inundated shores with pioneer and ephemeral vegetation	3270	<	
Marine/coastal wetlands	Sand, shingle or pebble shores	E	includes sand bars, spits and sandy islets; includes dune systems and humid dune slacks	3 Forests and semi-natural areas	3.3 Open spaces with little or no vegetation	3.3.1 Beaches, dunes and sand plains	3.3.1	Sparsely vegetated areas	6.2.1.3 River banks	C3.5	Periodically inundated shores with pioneer and ephemeral vegetation	3130	#	
Marine/coastal wetlands	Sand, shingle or pebble shores	E	includes sand bars, spits and sandy islets; includes dune systems and humid dune slacks	3 Forests and semi-natural areas	3.3 Open spaces with little or no vegetation	3.3.1 Beaches, dunes and sand plains	3.3.1	Sparsely vegetated areas	6.2.1.3 River banks	C3.6	Unvegetated or sparsely vegetated shores with soft or mobile substrates	no Annexed habitat type		
Marine/coastal wetlands	Sand, shingle or pebble shores	E	includes sand bars, spits and sandy islets; includes dune systems and humid dune slacks	3 Forests and semi-natural areas	3.3 Open spaces with little or no vegetation	3.3.1 Beaches, dunes and sand plains	3.3.1	Sparsely vegetated areas	6.2.1.3 River banks	C3.7	Unvegetated or sparsely vegetated shores with non-mobile substrates	no Annexed habitat type		
Marine/coastal wetlands	Estuarine waters	F	permanent water of estuaries and estuarine systems of deltas	5 Water bodies	5.2 Marine waters	5.2.2 Estuaries	5.2.2	Marine inlets and transitional waters	8.2.2 River estuaries and estuarine waters of deltas	X01	Estuaries	1130	=	
Marine/coastal wetlands	Intertidal mud, sand or salt flats	G		4 Wetlands	4.2 Coastal wetlands	4.2.3 Intertidal flats	4.2.3	Marine inlets and transitional waters	8.4 Intertidal flats	A2.1	Littoral coarse sediment	1140	#	
Marine/coastal wetlands	Intertidal mud, sand or salt flats	G		4 Wetlands	4.2 Coastal wetlands	4.2.3 Intertidal flats	4.2.3	Marine inlets and transitional waters	8.4 Intertidal flats	A2.2	Littoral sand and muddy sand	1140	>	
Marine/coastal wetlands	Intertidal mud, sand or salt flats	G		4 Wetlands	4.2 Coastal wetlands	4.2.3 Intertidal flats	4.2.3	Marine inlets and transitional waters	8.4 Intertidal flats	A2.3	Littoral mud	1140	>	
Marine/coastal wetlands	Intertidal mud, sand or salt flats	G		4 Wetlands	4.2 Coastal wetlands	4.2.3 Intertidal flats	4.2.3	Marine inlets and transitional waters	8.4 Intertidal flats	A2.4	Littoral mixed sediments	1140	#	
Marine/coastal wetlands	Intertidal mud, sand or salt flats	G		4 Wetlands	4.2 Coastal wetlands	4.2.3 Intertidal flats	4.2.3	Marine inlets and transitional waters	8.4 Intertidal flats	A2.6	Littoral sediments dominated by aquatic epifaunal organisms	1140	#	
Marine/coastal wetlands	Intertidal marshes	H	includes salt marshes, salt meadows, saltings, raised salt marshes; includes tidal brackish and freshwater marshes	4 Wetlands	4.2 Coastal wetlands	4.2.1 Saltmarshes	4.2.1	Marine inlets and transitional waters	8.1.1 Salt marshes without reeds	A2.5	Coastal saltmarshes and saline reedbeds	1330	<	
Marine/coastal wetlands	Intertidal marshes	H	includes salt marshes, salt meadows, saltings, raised salt marshes; includes tidal brackish and freshwater marshes	5 Wetlands	4.2 Coastal wetlands	4.2.1 Saltmarshes	4.2.1	Marine inlets and transitional waters	8.1.1 Salt marshes without reeds	A2.6	Coastal saltmarshes and saline reedbeds	1630	<	
Marine/coastal wetlands	Intertidal marshes	H	includes salt marshes, salt meadows, saltings, raised salt marshes; includes tidal brackish and freshwater marshes	6 Wetlands	4.2 Coastal wetlands	4.2.1 Saltmarshes	4.2.1	Marine inlets and transitional waters	8.1.1 Salt marshes without reeds	A2.7	Coastal saltmarshes and saline reedbeds	1420	<	
Marine/coastal wetlands	Intertidal marshes	H	includes salt marshes, salt meadows, saltings, raised salt marshes; includes tidal brackish and freshwater marshes	7 Wetlands	4.2 Coastal wetlands	4.2.1 Saltmarshes	4.2.1	Marine inlets and transitional waters	8.1.1 Salt marshes without reeds	A2.8	Coastal saltmarshes and saline reedbeds	1310	<	
Marine/coastal wetlands	Intertidal marshes	H	includes salt marshes, salt meadows, saltings, raised salt marshes; includes tidal brackish and freshwater marshes	8 Wetlands	4.2 Coastal wetlands	4.2.1 Saltmarshes	4.2.1	Marine inlets and transitional waters	8.1.1 Salt marshes without reeds	A2.9	Coastal saltmarshes and saline reedbeds	1320	<	
Marine/coastal wetlands	Intertidal marshes	H	includes salt marshes, salt meadows, saltings, raised salt marshes; includes tidal brackish and freshwater marshes	9 Wetlands	4.2 Coastal wetlands	4.2.1 Saltmarshes	4.2.1	Marine inlets and transitional waters	8.1.1 Salt marshes without reeds	B1.8	Moist and wet dune slacks	2190	#	
Marine/coastal wetlands	Intertidal marshes	H	includes salt marshes, salt meadows, saltings, raised salt marshes; includes tidal brackish and freshwater marshes	9 Wetlands	4.2 Coastal wetlands	4.2.1 Saltmarshes	4.2.1	Marine inlets and transitional waters	8.1.2 Salt marshes with reeds	A2.5	Coastal saltmarshes and saline reedbeds	no Annexed habitat type		
Marine/coastal wetlands	Intertidal forested wetlands	I	includes mangrove swamps, nipah swamps and tidal freshwater swamp forests	5 Water bodies	5.2 Marine waters	5.2.1 Coastal Lagoons	5.2.1	Rivers and lakes	8.2.1 Coastal lagoons	X02	Saline coastal lagoons	1150	>	
Marine/coastal wetlands	Coastal brackish/saline lagoons	J	brackish to saline lagoons with at least one relatively narrow connection to the sea	5 Water bodies	5.2 Marine waters	5.2.1 Coastal Lagoons	5.2.1	Rivers and lakes	8.2.1 Coastal lagoons	X02	Saline coastal lagoons	1160	>	
Marine/coastal wetlands	Coastal brackish/saline lagoons	J	brackish to saline lagoons with at least one relatively narrow connection to the sea	5 Water bodies	5.2 Marine waters	5.2.1 Coastal Lagoons	5.2.1	Rivers and lakes	8.2.1 Coastal lagoons	X03	Brackish coastal lagoons	1150	>	
Marine/coastal wetlands	Coastal brackish/saline lagoons	J	brackish to saline lagoons with at least one relatively narrow connection to the sea	5 Water bodies	5.2 Marine waters	5.2.1 Coastal Lagoons	5.2.1	Rivers and lakes	8.2.1 Coastal lagoons	X02	Saline coastal lagoons	1150	>	This relation is not clear. Ramsar class specifies "freshwater" and Eunis L3 includes "saline in the definitions". CLC class S12 includes fresh water bodies along shoreline
Marine/coastal wetlands	Coastal freshwater lagoons	K	includes freshwater delta lagoons				5.2.1		8.2.1 Coastal lagoons	X02	Saline coastal lagoons	1160	>	This relation is not clear. Ramsar class specifies "freshwater" and Eunis L3 includes "saline in the definitions". CLC class S12 includes fresh water bodies along shoreline
Marine/coastal wetlands	Coastal freshwater lagoons	K	includes freshwater delta lagoons				5.2.1		8.2.1 Coastal lagoons	X03	Brackish coastal lagoons	1150	>	This relation is not clear. Ramsar class specifies "freshwater" and Eunis L3 includes "saline in the definitions". CLC class S12 includes fresh water bodies along shoreline
Inland wetlands	Permanent inland deltas	L		5 Water bodies	5.1 Inland waters	5.1.1 Water courses		Rivers and lakes						
Inland wetlands	Permanent rivers/ streams/ creeks	M	includes waterfalls	5 Water bodies	5.1 Inland waters	5.1.1 Water courses	5.1.1	Rivers and lakes	9.1.1.1 Permanent interconnected running water courses	C2.2	Permanent non-tidal, fast, turbulent water courses	3210	#	
Inland wetlands	Permanent rivers/ streams/ creeks	M	includes waterfalls	5 Water bodies	5.1 Inland waters	5.1.1 Water courses	5.1.1	Rivers and lakes	9.1.1.1 Permanent interconnected running water courses	C2.3	Permanent non-tidal, smooth-flowing water courses	3260	#	
Inland wetlands	Permanent rivers/ streams/ creeks	M	includes waterfalls	5 Water bodies	5.1 Inland waters	5.1.1 Water courses	5.1.1	Rivers and lakes	9.1.1.1 Permanent interconnected running water courses	C2.4	Tidal rivers, upstream from the estuary	no Annexed habitat type		
Inland wetlands	Permanent rivers/ streams/ creeks	M	includes waterfalls	5 Water bodies	5.1 Inland waters	5.1.1 Water courses	5.1.1	Rivers and lakes	9.1.1.1 Permanent interconnected running water courses			3260	#	
Inland wetlands	Seasonal/ intermittent/ irregular rivers/ streams/ creeks	N		5 Water bodies	5.1 Inland waters	5.1.1 Water courses	5.1.1	Rivers and lakes	9.1.1.2 Seasonal/intermittent interconnected running water courses	C2.5	Temporary running waters	3290	<	
Inland wetlands	Permanent freshwater lakes (over 8 ha)	O	includes large oxbow lakes	5 Water bodies	5.1 Inland waters	5.1.2 Water bodies	5.1.2	Rivers and lakes	9.2.1.1 Natural permanent water bodies (over 8 ha)	C1.1	Permanent oligotrophic lakes, ponds and pools	3110	<	

Inland wetlands	Seasonal/ intermittent freshwater marshes/ pools on inorganic soils	Ts	includes sloughs, potholes, seasonally flooded meadows, sedge marshes	4 Wetlands	4.1 Inland wetlands	4.1.1. Inland marshes	4.1.1	Wetlands	7.1.1.1 Inland freshwater marshes without reeds (small ponds below 8 ha might be included)	C3.4	Species-poor beds of low-growing water-fringing or amphibious vegetation	3130	#	ACCORDING TO THE EUNIS WEB PAGE, C3.4 CORRESPOND TO Tp Ramsar type
Inland wetlands	Seasonal/ intermittent freshwater marshes/ pools on inorganic soils	Ts	includes sloughs, potholes, seasonally flooded meadows, sedge marshes	4 Wetlands	4.1 Inland wetlands	4.1.1. Inland marshes	4.1.1	Wetlands	7.1.1.1 Inland freshwater marshes without reeds (small ponds below 8 ha might be included)	C3.4	Species-poor beds of low-growing water-fringing or amphibious vegetation	3170	#	ACCORDING TO THE EUNIS WEB PAGE, C3.4 CORRESPOND TO Tp Ramsar type
Inland wetlands	Seasonal/ intermittent freshwater marshes/ pools on inorganic soils	Ts	includes sloughs, potholes, seasonally flooded meadows, sedge marshes	4 Wetlands	4.1 Inland wetlands	4.1.1. Inland marshes	4.1.1	Wetlands	7.1.1.2 Inland freshwater marshes with reeds (small ponds below 8 ha might be included)	C3.1	Species-rich helophyte beds			no Annex I habitat type
Inland wetlands	Seasonal/ intermittent freshwater marshes/ pools on inorganic soils	Ts	includes sloughs, potholes, seasonally flooded meadows, sedge marshes	4 Wetlands	4.1 Inland wetlands	4.1.1. Inland marshes	4.1.1	Wetlands	7.1.1.2 Inland freshwater marshes with reeds (small ponds below 8 ha might be included)	C3.2	Water-fringing reedbeds and tall helophytes other than canes			no Annex I habitat type
Inland wetlands	Seasonal/ intermittent freshwater marshes/ pools on inorganic soils	Ts	includes sloughs, potholes, seasonally flooded meadows, sedge marshes	4 Wetlands	4.1 Inland wetlands	4.1.1. Inland marshes	4.1.1	Wetlands	7.1.1.2 Inland freshwater marshes with reeds (small ponds below 8 ha might be included)	C3.3	Water-fringing beds of tall canes			no Annex I habitat type
Inland wetlands	Seasonal/ intermittent freshwater marshes/ pools on inorganic soils	Ts	includes sloughs, potholes, seasonally flooded meadows, sedge marshes	4 Wetlands	4.1 Inland wetlands	4.1.1. Inland marshes	4.1.1	Wetlands	7.1.1.2 Inland freshwater marshes with reeds (small ponds below 8 ha might be included)	D5.1	Reedbeds normally without free-standing water			no Annex I habitat type
Inland wetlands	Seasonal/ intermittent freshwater marshes/ pools on inorganic soils	Ts	includes sloughs, potholes, seasonally flooded meadows, sedge marshes	4 Wetlands	4.1 Inland wetlands	4.1.1. Inland marshes	4.1.1	Wetlands	7.1.1.2 Inland freshwater marshes with reeds (small ponds below 8 ha might be included)	D5.2	Beds of large sedges normally without free-standing water	7210	<	
Inland wetlands	Seasonal/ intermittent freshwater marshes/ pools on inorganic soils	Ts	includes sloughs, potholes, seasonally flooded meadows, sedge marshes	4 Wetlands			5.1.2		8.1.2.2 Seasonal/intermittent separated water bodies belonging to the river system (dead side-arms, flood ponds below 8 ha)	C1.6	Temporary lakes, ponds and pools	3180	<	
Inland wetlands	Seasonal/ intermittent freshwater marshes/ pools on inorganic soils	Ts	includes sloughs, potholes, seasonally flooded meadows, sedge marshes	4 Wetlands	4.1 Inland wetlands	4.1.1. Inland marshes	3.2.1	Wetlands						
Inland wetlands	Seasonal/ intermittent freshwater marshes/ pools on inorganic soils	Ts	includes sloughs, potholes, seasonally flooded meadows, sedge marshes	5 Water bodies	5.1 Inland waters	5.1.2 Water bodies		Rivers and lakes						
Inland wetlands	Non-forested peatlands	U	includes shrub or open bogs, swamps, fens	4 Wetlands	4.1 Inland wetlands	4.1.2. Peatbogs	4.1.2	Wetlands	7.2.1.1 Raised bogs	D1.1	Raised bogs	7120	<	
Inland wetlands	Non-forested peatlands	U	includes shrub or open bogs, swamps, fens	4 Wetlands	4.1 Inland wetlands	4.1.2. Peatbogs	4.1.2	Wetlands	7.2.1.2 Blanket bogs	D1.2	Blanket bogs	7130	>	
Inland wetlands	Non-forested peatlands	U	includes shrub or open bogs, swamps, fens	4 Wetlands	4.1 Inland wetlands	4.1.2. Peatbogs	4.1.2	Wetlands	7.2.2.1 Poor fens	D2.2	Poor fens and soft-water spring mires			no Annex I habitat type
Inland wetlands	Non-forested peatlands	U	includes shrub or open bogs, swamps, fens	4 Wetlands	4.1 Inland wetlands	4.1.2. Peatbogs	4.1.2	Wetlands	7.2.2.2 Rich fens	D4.1	Rich fens, including eutrophic tall-herb fens and calcareous flushes and soaks	7160	<	
Inland wetlands	Non-forested peatlands	U	includes shrub or open bogs, swamps, fens	4 Wetlands	4.1 Inland wetlands	4.1.2. Peatbogs	4.1.2	Wetlands	7.2.2.2 Rich fens	D4.1	Rich fens, including eutrophic tall-herb fens and calcareous flushes and soaks	7230	=	
Inland wetlands	Non-forested peatlands	U	includes shrub or open bogs, swamps, fens	4 Wetlands	4.1 Inland wetlands	4.1.2. Peatbogs	4.1.2	Wetlands	7.2.3.1 Palsa mires	D3.1	Palsa mires	7320	=	
Inland wetlands	Non-forested peatlands	U	includes shrub or open bogs, swamps, fens	4 Wetlands	4.1 Inland wetlands	4.1.2. Peatbogs	4.1.2	Wetlands	7.2.3.2 Aapa mires	D3.2	Aapa mires	7310	=	
Inland wetlands	Non-forested peatlands	U	includes shrub or open bogs, swamps, fens	4 Wetlands	4.1 Inland wetlands	4.1.2. Peatbogs	4.1.2	Wetlands	7.2.3.3 Polygon mires	D3.3	Polygon mires			no Annex I habitat type
Inland wetlands	Non-forested peatlands	U	includes shrub or open bogs, swamps, fens	4 Wetlands	4.1 Inland wetlands	4.1.2. Peatbogs	4.1.2	Wetlands	7.2.4.1 Transition mires and quaking bogs	D2.3	Transition mires and quaking bogs	7140	<	
Inland wetlands	Non-forested peatlands	U	includes shrub or open bogs, swamps, fens	4 Wetlands	4.1 Inland wetlands	4.1.2. Peatbogs	4.1.2	Wetlands	7.2.4.1 Transition mires and quaking bogs	D2.3	Transition mires and quaking bogs	7150	<	
Inland wetlands	Non-forested peatlands	U	includes shrub or open bogs, swamps, fens	4 Wetlands	4.1 Inland wetlands	4.1.2. Peatbogs	4.1.2	Wetlands	7.2.4.2 Valley mires	D2.1	Valley mires			no Annex I habitat type
Inland wetlands	Non-forested peatlands	U	includes shrub or open bogs, swamps, fens	4 Wetlands	4.1 Inland wetlands	4.1.2. Peatbogs	4.1.2	Wetlands	7.2.5 Peat extraction, hydrological modifications					
Inland wetlands	Alpine wetlands	Va	includes alpine meadows, temporary waters from snowmelt						4.3.2 Natural seasonally or permanently wet grasslands	E3.4	Moist or wet eutrophic and mesotrophic grassland			
Inland wetlands	Alpine wetlands	Va	includes alpine meadows, temporary waters from snowmelt							E3.5	Moist or wet oligotrophic grassland			
Inland wetlands	Alpine wetlands	Va	includes alpine meadows, temporary waters from snowmelt							E4	Alpine and subalpine grasslands			
Inland wetlands	Alpine wetlands	Va	includes alpine meadows, temporary waters from snowmelt							C1.6	Temporary lakes, ponds and pools			
Inland wetlands	Tundra wetlands	Vt	includes tundra pools, temporary waters from snowmelt						6.2.1.2 Natural seasonal/intermittent water bodies (over 8 ha)					
Inland wetlands	Shrub-dominated wetlands	W	shrub swamps, shrub-dominated freshwater marshes, shrub carr, alder thicket on inorganic soils	4 Wetlands	4.1 Inland wetlands	4.1.1. Inland marshes	3.2.2	Wetlands	5.1.1.3 Wet heaths	F4.1	Wet heaths	4010	<	
Inland wetlands	Shrub-dominated wetlands	W	shrub swamps, shrub-dominated freshwater marshes, shrub carr, alder thicket on inorganic soils	4 Wetlands	4.1 Inland wetlands	4.1.1. Inland marshes	3.2.2	Wetlands	5.1.1.3 Wet heaths	F4.1	Wet heaths	4020	<	
Inland wetlands	Shrub-dominated wetlands	W	shrub swamps, shrub-dominated freshwater marshes, shrub carr, alder thicket on inorganic soils	4 Wetlands	4.1 Inland wetlands	4.1.1. Inland marshes	3.2.2	Wetlands	5.1.1.3 Wet heaths	F9.1	Riverine scrub	3240	<	
Inland wetlands	Shrub-dominated wetlands	W	shrub swamps, shrub-dominated freshwater marshes, shrub carr, alder thicket on inorganic soils	4 Wetlands	4.1 Inland wetlands	4.1.1. Inland marshes	3.2.2	Wetlands	5.1.1.3 Wet heaths	F9.1	Riverine scrub	3230	#	
Inland wetlands	Shrub-dominated wetlands	W	shrub swamps, shrub-dominated freshwater marshes, shrub carr, alder thicket on inorganic soils	4 Wetlands	4.1 Inland wetlands	4.1.1. Inland marshes	3.2.2	Wetlands	5.1.1.3 Wet heaths	F9.2	Willow carr and fen scrub			no Annex I habitat type
Inland wetlands	Shrub-dominated wetlands	W	shrub swamps, shrub-dominated freshwater marshes, shrub carr, alder thicket on inorganic soils	4 Wetlands	4.1 Inland wetlands	4.1.1. Inland marshes	3.2.2	Wetlands	5.1.1.3 Wet heaths	F9.3	Southern riparian galleries and thickets	9200	=	
Inland wetlands	Freshwater, tree-dominated wetlands	Xf	includes freshwater swamp forests, seasonally flooded forests, wooded swamps on inorganic soils	4 Wetlands	4.1 Inland wetlands	4.1.1. Inland marshes	3.1.1	Wetlands	3.1.1 Riparian and fluvial broadleaved forest	G1.1	Riparian and gallery woodland, with dominant alder, birch, poplar or willow	9280	<	ACCORDING TO THE EUNIS WEB PAGE, G1.1 CORRESPOND TO Xf Ramsar type and CLC 311
Inland wetlands	Freshwater, tree-dominated wetlands	Xf	includes freshwater swamp forests, seasonally flooded forests, wooded swamps on inorganic soils	4 Wetlands	4.1 Inland wetlands	4.1.1. Inland marshes	3.1.1	Wetlands	3.1.1 Riparian and fluvial broadleaved forest	G1.1	Riparian and gallery woodland, with dominant alder, birch, poplar or willow	92A0	#	ACCORDING TO THE EUNIS WEB PAGE, G1.1 CORRESPOND TO Xf Ramsar type and CLC 311
Inland wetlands	Freshwater, tree-dominated wetlands	Xf	includes freshwater swamp forests, seasonally flooded forests, wooded swamps on inorganic soils	4 Wetlands	4.1 Inland wetlands	4.1.1. Inland marshes	3.1.1	Wetlands	3.1.1 Riparian and fluvial broadleaved forest	G1.1	Riparian and gallery woodland, with dominant alder, birch, poplar or willow	91E0	#	ACCORDING TO THE EUNIS WEB PAGE, G1.1 CORRESPOND TO Xf Ramsar type and CLC 311
Inland wetlands	Freshwater, tree-dominated wetlands	Xf	includes freshwater swamp forests, seasonally flooded forests, wooded swamps on inorganic soils	4 Wetlands	4.1 Inland wetlands	4.1.1. Inland marshes	3.1.1	Wetlands	3.1.1 Riparian and fluvial broadleaved forest	G1.3	Mediterranean riparian woodland	92C0	<	ACCORDING TO THE EUNIS WEB PAGE, G1.3 CORRESPOND TO CLC 311
Inland wetlands	Freshwater, tree-dominated wetlands	Xf	includes freshwater swamp forests, seasonally flooded forests, wooded swamps on inorganic soils	4 Wetlands	4.1 Inland wetlands	4.1.1. Inland marshes	3.1.1	Wetlands	3.1.1 Riparian and fluvial broadleaved forest	G1.3	Mediterranean riparian woodland	92A0	#	ACCORDING TO THE EUNIS WEB PAGE, G1.3 CORRESPOND TO CLC 311
Inland wetlands	Freshwater, tree-dominated wetlands	Xf	includes freshwater swamp forests, seasonally flooded forests, wooded swamps on inorganic soils	4 Wetlands	4.1 Inland wetlands	4.1.1. Inland marshes	3.1.3	Wetlands	3.3.1 Riparian and fluvial mixed forest	G1.2	Mixed riparian floodplain and gallery woodland	91F0	<	ACCORDING TO THE EUNIS WEB PAGE, G1.2 CORRESPOND TO CLC 311
Inland wetlands	Freshwater, tree-dominated wetlands	Xf	includes freshwater swamp forests, seasonally flooded forests, wooded swamps on inorganic soils	4 Wetlands	4.1 Inland wetlands	4.1.1. Inland marshes	3.1.3	Wetlands	3.3.1 Riparian and fluvial mixed forest	G1.3	Mixed riparian floodplain and gallery woodland	95	#	ACCORDING TO THE EUNIS WEB PAGE, G1.3 CORRESPOND TO CLC 311
Inland wetlands	Freshwater, tree-dominated wetlands	Xf	includes freshwater swamp forests, seasonally flooded forests, wooded swamps on inorganic soils	4 Wetlands	4.1 Inland wetlands	4.1.1. Inland marshes	3.1.3	Wetlands	3.3.1 Riparian and fluvial mixed forest	G1.2	Mixed riparian floodplain and gallery woodland	91E0	#	ACCORDING TO THE EUNIS WEB PAGE, G1.2 CORRESPOND TO CLC 311
Inland wetlands	Forested peatlands	Xp	peatswamp forests				3.1.1		3.1.2 Broadleaved swamp forest	G1.4	Broadleaved swamp woodland not on acid peat			no Annex I habitat type
Inland wetlands	Forested peatlands	Xp	peatswamp forests				3.1.1		3.1.2 Broadleaved swamp forest	G1.5	Broadleaved swamp woodland not on acid peat			no Annex I habitat type
Inland wetlands	Forested peatlands	Xp	peatswamp forests				3.1.1		3.1.2 Broadleaved swamp forest	G1.5	Broadleaved swamp woodland on acid peat	9080	<	
Inland wetlands	Forested peatlands	Xp	peatswamp forests				3.1.1		3.1.2 Broadleaved swamp forest	G1.5	Broadleaved swamp woodland on acid peat	91D0	#	
Inland wetlands	Forested peatlands	Xp	peatswamp forests				3.1.2		3.2.2 Coniferous swamp forest	G3.D	Boreal bog conifer woodland	91D0	#	
Inland wetlands	Forested peatlands	Xp	peatswamp forests				3.1.2		3.2.2 Coniferous swamp forest	G3.E	Nemoral bog conifer woodland	91D0	#	
Inland wetlands	Forested peatlands	Xp	peatswamp forests				3.1.3		3.3.2 Mixed swamp forest	G4.1	Mixed swamp woodland			no Annex I habitat type
Inland wetlands	Forested peatlands	Xp	peatswamp forests				3.1.3		3.3.2 Mixed swamp forest	G5.6	Mixed swamp woodland	9030	<	
Inland wetlands	Freshwater springs; oases	Y		5 Water bodies	5.1 Inland waters	5.1.1 Water courses	4.1.1	Rivers and lakes	7.1.1 Inland freshwater marshes (small ponds below 8 ha might be included)	C2.1	C2.1: Springs, spring brooks and geysers	7160	<	
Inland wetlands	Freshwater springs; oases	Y		5 Water bodies	5.1 Inland waters	5.1.1 Water courses	4.1.1	Rivers and lakes	7.1.1 Inland freshwater marshes (small ponds below 8 ha might be included)	C2.1	C2.1: Springs, spring brooks and geysers	7220	<	
Inland wetlands	Freshwater springs; oases	Y		5 Water bodies	5.1 Inland waters	5.1.1 Water courses	4.1.1	Rivers and lakes	7.1.1 Inland freshwater marshes (small ponds below 8 ha might be included)	C2.1	C2.1: Springs, spring brooks and geysers	31A0	<	
Inland wetlands	Freshwater springs; oases	Y		5 Water bodies	5.1 Inland waters	5.1.1 Water courses	4.1.1	Rivers and lakes	7.1.1 Inland freshwater marshes (small ponds below 8 ha might be included)	C2.1	C2.1: Springs, spring brooks and geysers	32A0	<	
Inland wetlands	Geothermal wetlands	Zg								C2.1	Springs, spring brooks and geysers	31A0	<	

Needs to be checked by a marine expert.	A2.4 - Littoral mixed sediments = 4.2.3. Needs to be intertidal flats	Marine/coastal wetlands	Saline water	Permanent	Coral reefs	C	Coral reefs		5.2.3	10.1.1 Marine waters less than six metres deep at low tide	Marine inlets and transitional waters	A2.4	Littoral mixed sediments	#	1160	Large shallow inlets and bays	Multiple options to match EUNIS/RAMSAR/ANNEX 1	
	A2.1 - High energy littoral rock = 4.2.3. Needs to be intertidal flats	Marine/coastal wetlands	Saline water	Shores	Rocky	D	Rocky marine shores		5.2.3	10.1.1 Marine waters less than six metres deep at low tide		A1.1	High energy littoral rock	#	1160	Large shallow inlets and bays	Multiple options to match EUNIS/RAMSAR/ANNEX 1	
	A1.1 - High energy littoral rock = 4.2.3. Needs to be intertidal flats	Marine/coastal wetlands	Saline water	Shores	Rocky	D	Rocky marine shores		5.2.3	10.1.1 Marine waters less than six metres deep at low tide		A1.1	High energy littoral rock	#	1170	Reefs	Multiple options to match EUNIS/RAMSAR/ANNEX 1	
	A1.2 - Moderate energy littoral rock = 4.2.3. Needs to be intertidal flats	Marine/coastal wetlands	Saline water	Shores	Rocky	D	Rocky marine shores		5.2.3	10.1.1 Marine waters less than six metres deep at low tide		A1.2	Moderate energy littoral rock	#	1160	Large shallow inlets and bays	Multiple options to match EUNIS/RAMSAR/ANNEX 1	
	A1.3 - Low energy littoral rock = 4.2.3. Needs to be intertidal flats	Marine/coastal wetlands	Saline water	Shores	Rocky	D	Rocky marine shores		5.2.3	10.1.1 Marine waters less than six metres deep at low tide		A1.3	Low energy littoral rock	#	1170	Reefs	Multiple options to match EUNIS/RAMSAR/ANNEX 1	
	A1.4 - Features of littoral rock = 4.2.3. Needs to be intertidal flats	Marine/coastal wetlands	Saline water	Shores	Rocky	D	Rocky marine shores		5.2.3	10.1.1 Marine waters less than six metres deep at low tide		A1.4	Features of littoral rock	#	1160	Large shallow inlets and bays	Multiple options to match EUNIS/RAMSAR/ANNEX 1	
	A1.4 - Features of littoral rock = 4.2.3. Needs to be intertidal flats	Marine/coastal wetlands	Saline water	Shores	Rocky	D	Rocky marine shores		5.2.3	10.1.1 Marine waters less than six metres deep at low tide		A1.4	Features of littoral rock	#	1170	Reefs	Multiple options to match EUNIS/RAMSAR/ANNEX 1	
	A2.1 - Littoral coarse sediment = 4.2.3. Needs to be intertidal flats	Intertidal flats	Saline water	Shores	Rocky	D	Rocky marine shores		5.2.3	10.1.1 Marine waters less than six metres deep at low tide		A2.1	Littoral coarse sediment	#	1160	Large shallow inlets and bays	Multiple options to match EUNIS/RAMSAR/ANNEX 1	
	A2.2 - Littoral sand and muddy sand = 4.2.3. Needs to be intertidal flats	Marine/coastal wetlands	Saline water	Shores	Rocky	D	Rocky marine shores		5.2.3	10.1.1 Marine waters less than six metres deep at low tide		A2.2	Littoral sand and muddy sand	#	1160	Large shallow inlets and bays	Multiple options to match EUNIS/RAMSAR/ANNEX 1	
	A2.3 - Littoral mud = 4.2.3. Intertidal flats	Marine/coastal wetlands	Saline water	Shores	Rocky	D	Rocky marine shores		5.2.3	10.1.1 Marine waters less than six metres deep at low tide		A2.3	Littoral mud	#	1160	Large shallow inlets and bays	Multiple options to match EUNIS/RAMSAR/ANNEX 1	
	A2.4 - Littoral mixed sediments = 4.2.3. Needs to be intertidal flats	Marine/coastal wetlands	Saline water	Shores	Rocky	D	Rocky marine shores		5.2.3	10.1.1 Marine waters less than six metres deep at low tide		A2.4	Littoral mixed sediments	#	1160	Large shallow inlets and bays	Multiple options to match EUNIS/RAMSAR/ANNEX 1	
x	x	Marine/coastal wetlands	Saline water	Shores	Sand, shingle or pebbles	E	Sand, shingle or pebble shores		3.3.1	6.2.1.1 Beaches		B1.1	Sand beach driftlines	#	1230	Annual vegetation of drift lines		
x	x	Marine/coastal wetlands	Saline water	Shores	Sand, shingle or pebbles	E	Sand, shingle or pebble shores		3.3.1	6.2.1.1 Beaches		B1.1	Sand beach driftlines	#	1640	Boreal Baltic sandy beaches with perennial vegetation		
x	x	Marine/coastal wetlands	Saline water	Shores	Sand, shingle or pebbles	E	Sand, shingle or pebble shores		3.3.1	6.2.1.1 Beaches		B1.2	Sand beaches above the drift line	#	1610	Baltic easter islands with sandy, rocky and shingle beach vegetation and submontane vegetation		
x	x	Marine/coastal wetlands	Saline water	Shores	Sand, shingle or pebbles	E	Sand, shingle or pebble shores		3.3.1	6.2.1.1 Beaches		B1.2	Sand beaches above the drift line	#	1640	Boreal Baltic sandy beaches with perennial vegetation		
x	x	Marine/coastal wetlands	Saline water	Shores	Sand, shingle or pebbles	E	Sand, shingle or pebble shores		3.3.1	6.2.1.2 Coastal and fluvial dunes without vegetation		B1.3	Shifting coastal dunes	#	1640	Boreal Baltic sandy beaches with perennial vegetation		
x	x	Marine/coastal wetlands	Saline water	Shores	Sand, shingle or pebbles	E	Sand, shingle or pebble shores		3.3.1	6.2.1.2 Coastal and fluvial dunes without vegetation		B1.3	Shifting coastal dunes	>	2110	Embryonic shifting dunes		
x	x	Marine/coastal wetlands	Saline water	Shores	Sand, shingle or pebbles	E	Sand, shingle or pebble shores		3.3.1	6.2.1.2 Coastal and fluvial dunes without vegetation		B1.3	Moist and wet dune stacks	#	2190	Humid dune stacks	Added	
x	C3.5 - Periodically inundated shores with pioneer and ephemeral vegetation = 4.1.1. Inland marshes	Marine/coastal wetlands	Saline water	Shores	Sand, shingle or pebbles	E	Sand, shingle or pebble shores		3.3.1	6.2.1.2 Coastal and fluvial dunes without vegetation		B1.3	Shifting dunes along the shoreline with <i>Ammophila arenaria</i> ("white dunes")	#	2120			
x	C3.5 - Periodically inundated shores with pioneer and ephemeral vegetation = 4.1.1. Inland marshes	Marine/coastal wetlands	Saline water	Shores	Sand, shingle or pebbles	E	Sand, shingle or pebble shores		3.3.1	6.2.1.3 River banks		C3.5	Periodically inundated shores with pioneer and ephemeral vegetation	#	3130	Oligotrophic to mesotrophic standing waters with vegetation of the littoral/marine offshore and/or of the tecto-littoral/mesotectic		
x	C3.5 - Periodically inundated shores with pioneer and ephemeral vegetation = 4.1.1. Inland marshes	Marine/coastal wetlands	Saline water	Shores	Sand, shingle or pebbles	E	Sand, shingle or pebble shores		3.3.1	6.2.1.3 River banks		C3.5	Periodically inundated shores with pioneer and ephemeral vegetation	#	3020	Alpine rivers and the herbaceous vegetation along their banks	Rather delete: There might be contact zones of Alpine Rives in coastal areas, however, looking at the geographical distribution in Europe of this habitat type I would be hesitant to establish this link.	
x	C3.5 - Periodically inundated shores with pioneer and ephemeral vegetation = 4.1.1. Inland marshes	Marine/coastal wetlands	Saline water	Shores	Sand, shingle or pebbles	E	Sand, shingle or pebble shores		3.3.1	6.2.1.3 River banks		C3.5	Periodically inundated shores with pioneer and ephemeral vegetation	#	3070	Shores with muddy banks with <i>Chenopodium rubrum</i> and <i>Distichlis spicata</i> vegetation	Rather delete: There might be contact zones of rivers with muddy banks in coastal areas. However, looking at the geographical distribution of this habitat type I would be hesitant to establish this link. Also because muddy banks do not really match with sand, shingle and pebble substrates.	
x	x	Marine/coastal wetlands	Saline water	Shores	Sand, shingle or pebbles	E	Sand, shingle or pebble shores		3.3.1	6.2.1.3 River banks		C3.6	Unvegetated or sparsely vegetated shores with soft or mobile sediments			no Annex habitat type		
x	x	Marine/coastal wetlands	Saline water	Shores	Sand, shingle or pebbles	E	Sand, shingle or pebble shores		3.3.1	6.2.1.3 River banks		C3.7	Unvegetated or sparsely vegetated shores with non-mobile substrate			no Annex habitat type		
		Marine/coastal wetlands	Saline or brackish water	Estuarine waters	F	Estuarine waters		5.2.2	8.2.2 River estuaries and estuarine waters of deltas	Marine inlets and transitional waters	X01	Estuaries	=	1130	Estuaries			
Needs to be x		Marine/coastal wetlands	Saline or brackish water	Intertidal	Floes (mud, sand or silt)	G	Intertidal mud, sand or silt flats		4.2.3	8.4 Intertidal flats	Marine inlets and transitional waters	A2.1	Littoral coarse sediment	#	1140	Mudflats and sandflats not covered by seawater at low tide		
Needs to be x		Marine/coastal wetlands	Saline or brackish water	Intertidal	Floes (mud, sand or silt)	G	Intertidal mud, sand or silt flats		4.2.3	8.4 Intertidal flats	Marine inlets and transitional waters	A2.2	Littoral sand and muddy sand	>	1140	Mudflats and sandflats not covered by seawater at low tide		
Needs to be x		Marine/coastal wetlands	Saline or brackish water	Intertidal	Floes (mud, sand or silt)	G	Intertidal mud, sand or silt flats		4.2.3	8.4 Intertidal flats	Marine inlets and transitional waters	A2.3	Littoral mud	>	1140	Mudflats and sandflats not covered by seawater at low tide		
Needs to be x		Marine/coastal wetlands	Saline or brackish water	Intertidal	Floes (mud, sand or silt)	G	Intertidal mud, sand or silt flats		4.2.3	8.4 Intertidal flats	Marine inlets and transitional waters	A2.4	Littoral mixed sediments	#	1140	Mudflats and sandflats not covered by seawater at low tide		
Needs to be x		Marine/coastal wetlands	Saline or brackish water	Intertidal	Floes (mud, sand or silt)	G	Intertidal mud, sand or silt flats		4.2.3	8.4 Intertidal flats	Marine inlets and transitional waters	A2.6	Littoral sediments dominated by aquatic angiosperms	#	1140	Mudflats and sandflats not covered by seawater at low tide		
Needs to be x		Marine/coastal wetlands	Saline or brackish water	Intertidal	Marshes	H	Intertidal marshes		4.2.1	8.1.1 Salt marshes without reeds	Marine inlets and transitional waters	A2.6	Coastal saltmarshes and saline reedbeds	<	1330	Atlantic salt meadows (<i>Suaeda Puccinellietalia maritima</i>)		
Needs to be x		Marine/coastal wetlands	Saline or brackish water	Intertidal	Marshes	H	Intertidal marshes		4.2.1	8.1.2 Salt marshes with reeds	Marine inlets and transitional waters	A2.5	Coastal saltmarshes and saline reedbeds	<		no Annex habitat type		
Needs to be x		Marine/coastal wetlands	Saline or brackish water	Intertidal	Marshes	H	Intertidal marshes		4.2.1	8.1.1 Salt marshes without reeds	Marine inlets and transitional waters	A2.6	Coastal saltmarshes and saline reedbeds	<	1630	Boreal Baltic coastal meadows		
Needs to be x	A2.6 - Littoral sediments dominated by aquatic angiosperms = 4.2.3. Intertidal flats	Marine/coastal wetlands	Saline or brackish water	Intertidal	Marshes	H	Intertidal marshes		4.2.1	8.1.1 Salt marshes without reeds	Marine inlets and transitional waters	A2.7	Coastal saltmarshes and saline reedbeds	<	1420	Mediterranean and thermo-Atlantic halophytes scrub (<i>Sarcocornetes Fruticosae</i>)		
Needs to be x	A2.7 - Littoral biogenic reefs = 4.2.3. Needs to be intertidal flats	Marine/coastal wetlands	Saline or brackish water	Intertidal	Marshes	H	Intertidal marshes		4.2.1	8.1.1 Salt marshes without reeds	Marine inlets and transitional waters	A2.8	Coastal saltmarshes and saline reedbeds	<	1330	Salicornia and other annuals colonizing mud and sand		
Needs to be Not found	A2.8 - Features of littoral sediment = 4.2.3. Needs to be intertidal flats	Marine/coastal wetlands	Saline or brackish water	Intertidal	Marshes	H	Intertidal marshes		4.2.1	8.1.1 Salt marshes without reeds	Marine inlets and transitional waters	A2.9	Coastal saltmarshes and saline reedbeds	<	1320	Spartina swaths (<i>Spartinetum maritima</i>)		
Needs to be x	B1.8 - Moist and wet dune stacks = 3.3.1. Needs to be Beaches, dunes, and sand plains	Marine/coastal wetlands	Saline or brackish water	Intertidal	Marshes	H	Intertidal marshes		4.2.1	8.1.1 Salt marshes without reeds	Marine inlets and transitional waters	B1.8	Moist and wet dune stacks	#	2190	Humid dune stacks		
Needs to be checked by a marine expert.		Marine/coastal wetlands	Saline or brackish water	Intertidal	Forested	I	Intertidal forested wetlands											
Needs to be x		Marine/coastal wetlands	Saline or brackish water	Lagoons	J	Coastal brackish/saline lagoons		5.2.1	8.2.1 Coastal lagoons	Rivers and lakes	X02	Saline coastal lagoons	>	1150	Coastal lagoons			
Needs to be x		Marine/coastal wetlands	Saline or brackish water	Lagoons	J	Coastal brackish/saline lagoons		5.2.1	8.2.1 Coastal lagoons	Rivers and lakes	X02	Saline coastal lagoons	>	1160	Large shallow inlets and bays			
Needs to be x		Marine/coastal wetlands	Saline or brackish water	Lagoons	J	Coastal brackish/saline lagoons		5.2.1	8.2.1 Coastal lagoons	Rivers and lakes	X03	Brackish coastal lagoons	>	1150	Coastal lagoons			
Needs to be x		Marine/coastal wetlands	Fresh water	Lagoons	K	Coastal freshwater lagoons		5.2.1	8.2.1 Coastal lagoons		X02	Saline coastal lagoons	>	1150	Coastal lagoons	This relation is not clear. Ramsar class specifies "freshwater" and Eunis L3 includes "saline in the definitions". CLC class S12 includes fresh water bodies along shoreline		
Needs to be x		Marine/coastal wetlands	Fresh water	Lagoons	K	Coastal freshwater lagoons		5.2.1	8.2.1 Coastal lagoons		X02	Saline coastal lagoons	>	1160	Large shallow inlets and bays	This relation is not clear. Ramsar class specifies "freshwater" and Eunis L3 includes "saline in the definitions". CLC class S12 includes fresh water bodies along shoreline		
Needs to be x		Marine/coastal wetlands	Fresh water	Lagoons	K	Coastal freshwater lagoons		5.2.1	8.2.1 Coastal lagoons		X03	Brackish coastal lagoons	>	1150	Coastal lagoons	This relation is not clear. Ramsar class specifies "freshwater" and Eunis L3 includes "saline in the definitions". CLC class S12 includes fresh water bodies along shoreline		
x	X01 - Estuaries = 5.2.2. Estuaries	Inland wetlands	Flowing water	Permanent	Deltas	L	Permanent inland deltas			Rivers and lakes	X01	Estuaries		INCOM?	1130	Estuaries	This relation is not clear. Ramsar class specifies "freshwater" and Eunis L3 includes "saline in the definitions". CLC class S12 includes fresh water bodies along shoreline	
x	x	Inland wetlands	Flowing water	Permanent	Rivers, streams, creeks	M	Permanent rivers/streams/creeks		5.1.1	9.1.1 Permanent interconnected running water courses	Rivers and lakes	C2.2	Permanent non-tidal, fast, turbulent watercourses	<	3230	Fennoscandian natural rivers		
x	x	Inland wetlands	Flowing water	Permanent	Rivers, streams, creeks	M	Permanent rivers/streams/creeks		5.1.1	9.1.1 Permanent interconnected running water courses	Rivers and lakes	C2.2	Permanent non-tidal, fast, turbulent watercourses	<	3200	Water courses of plain to montane levels with the <i>Ranunculus fluitans</i> and <i>Galbriacho-Batrachion vegetation</i>		
x	x	Inland wetlands	Flowing water	Permanent	Rivers, streams, creeks	M	Permanent rivers/streams/creeks		5.1.1	9.1.1 Permanent interconnected running water courses	Rivers and lakes	C2.3	Permanent non-tidal, smooth flowing watercourses	#	3260	Water courses of plain to montane levels with the <i>Ranunculus fluitans</i> and <i>Galbriacho-Batrachion vegetation</i>		
x	C2.4 - Tidal rivers, upstream from the estuary = 5.2.2. Estuaries	Inland wetlands	Flowing water	Permanent	Rivers, streams, creeks	M	Permanent rivers/streams/creeks		5.1.1	9.1.1 Permanent interconnected running water courses	Rivers and lakes	C2.4	Tidal rivers, upstream from the estuary			no Annex habitat type		

X	X	Inland wetlands	Marshes on inorganic soils	Seasonal/intermittent	Herb-dominated	Ts	Seasonal/intermittent freshwater marshes/ pools on inorganic soils	Includes sloughs, potholes, seasonally flooded meadows, sedge marshes	3.2.1	4.3.2 Natural seasonally or permanently wet grasslands	Wetlands	E3.1	Mediterranean tall humid grassland	<	6460	Peat grasslands of Troodos		
X	X	Inland wetlands	Marshes on inorganic soils	Seasonal/intermittent	Herb-dominated	Ts	Seasonal/intermittent freshwater marshes/ pools on inorganic soils	Includes sloughs, potholes, seasonally flooded meadows, sedge marshes	3.2.1	4.3.2 Natural seasonally or permanently wet grasslands	Wetlands	E3.2	Mediterranean short humid grassland	<		no Annex habitat type		
X	X	Inland wetlands	Marshes on inorganic soils	Seasonal/intermittent	Herb-dominated	Ts	Seasonal/intermittent freshwater marshes/ pools on inorganic soils	Includes sloughs, potholes, seasonally flooded meadows, sedge marshes	3.2.1	4.3.2 Natural seasonally or permanently wet grasslands	Wetlands	E3.3	Sub-mediterranean humid meadows	<		no Annex habitat type		
X	X	Inland wetlands	Marshes on inorganic soils	Seasonal/intermittent	Herb-dominated	Ts	Seasonal/intermittent freshwater marshes/ pools on inorganic soils	Includes sloughs, potholes, seasonally flooded meadows, sedge marshes	3.2.1	4.3.2 Natural seasonally or permanently wet grasslands	Wetlands	E3.4	Moist or wet eutrophic and mesotrophic grassland	<	6440	Alluvial meadows of river valleys of the Cindon dubs		
X	X	Inland wetlands	Marshes on inorganic soils	Seasonal/intermittent	Herb-dominated	Ts	Seasonal/intermittent freshwater marshes/ pools on inorganic soils	Includes sloughs, potholes, seasonally flooded meadows, sedge marshes	3.2.1	4.3.2 Natural seasonally or permanently wet grasslands	Wetlands	E3.4	Moist or wet eutrophic and mesotrophic grassland	<	6450	Northern boreal alluvial meadows		
X	X	Inland wetlands	Marshes on inorganic soils	Seasonal/intermittent	Herb-dominated	Ts	Seasonal/intermittent freshwater marshes/ pools on inorganic soils	Includes sloughs, potholes, seasonally flooded meadows, sedge marshes	3.2.1	4.3.2 Natural seasonally or permanently wet grasslands	Wetlands	E3.5	Moist or wet oligotrophic grassland	<	6410	Molina meadows on calcareous, peaty or clayey-silt-laden soils (Molina caerulea)		
X	X	Inland wetlands	Marshes on inorganic soils	Seasonal/intermittent	Herb-dominated	Ts	Seasonal/intermittent freshwater marshes/ pools on inorganic soils	Includes sloughs, potholes, seasonally flooded meadows, sedge marshes	3.2.1	4.3.2 Natural seasonally or permanently wet grasslands	Wetlands							Dataset empty
X	X	Inland wetlands	Lakes and pools	Seasonal/intermittent	< 8 ha	Ts	Seasonal/intermittent freshwater marshes/ pools on inorganic soils	Includes sloughs, potholes, seasonally flooded meadows, sedge marshes	3.2.1	4.3.2 Natural seasonally or permanently wet grasslands	Wetlands							Dataset empty
X	X	Inland wetlands	Marshes on peat soils	Permanent	Non-forested	U	Non-forested peatlands	Includes shrub or open bogs, swamps, fens	4.1.2	7.2.1.1 Raised bogs	Wetlands	01.1	Raised bogs	<	7120	Degraded raised bogs still capable of natural regeneration		
X	X	Inland wetlands	Marshes on peat soils	Permanent	Non-forested	U	Non-forested peatlands	Includes shrub or open bogs, swamps, fens	4.1.2	7.2.1.1 Raised bogs	Wetlands	01.1	Raised bogs	<	7110	Active raised bogs		
X	X	Inland wetlands	Marshes on peat soils	Permanent	Non-forested	U	Non-forested peatlands	Includes shrub or open bogs, swamps, fens	4.1.2	7.2.1.2 Blanket bogs	Wetlands	01.2	Blanket bogs	>	7130	Blanket bogs (* if active bog)		
X	X	Inland wetlands	Marshes on peat soils	Permanent	Non-forested	U	Non-forested peatlands	Includes shrub or open bogs, swamps, fens	4.1.2	7.2.4.2 Valley mires	Wetlands	02.1	Valley mires	>		no Annex habitat type		
D2.1 - Valley mires = 4.1.1. Inland marshes		Inland wetlands	Marshes on peat soils	Permanent	Non-forested	U	Non-forested peatlands	Includes shrub or open bogs, swamps, fens	4.1.2	7.2.2.1 Poor fens	Wetlands	02.2	Poor fens and soft-water spring mires	<		no Annex habitat type		
D2.2 - Poor fens and soft-water spring mires = 4.1.1. Inland marshes		Inland wetlands	Marshes on peat soils	Permanent	Non-forested	U	Non-forested peatlands	Includes shrub or open bogs, swamps, fens	4.1.2	7.2.4.1 Transition mires and quaking bogs	Wetlands	02.3	Transition mires and quaking bogs	<	7140	Transition mires and quaking bogs		
D2.3 - Transition mires and quaking bogs = 4.1.1. Inland marshes		Inland wetlands	Marshes on peat soils	Permanent	Non-forested	U	Non-forested peatlands	Includes shrub or open bogs, swamps, fens	4.1.2	7.2.4.1 Transition mires and quaking bogs	Wetlands	02.3	Transition mires and quaking bogs	<	7150	Depressions on peat substrates of the Rhynchosporion		
X	X	Inland wetlands	Marshes on peat soils	Permanent	Non-forested	U	Non-forested peatlands	Includes shrub or open bogs, swamps, fens	4.1.2	7.2.3.1 Palsa mires	Wetlands	02.1	Palsa mire	=	7230	Palsa mire		
X	X	Inland wetlands	Marshes on peat soils	Permanent	Non-forested	U	Non-forested peatlands	Includes shrub or open bogs, swamps, fens	4.1.2	7.2.3.2 Aapa mires	Wetlands	02.2	Aapa mire	=	7200	Aapa mire		
X	X	Inland wetlands	Marshes on peat soils	Permanent	Non-forested	U	Non-forested peatlands	Includes shrub or open bogs, swamps, fens	4.1.2	7.2.3.3 Pylgjon mires	Wetlands	02.3	Pylgjon mires	=		no Annex habitat type		
D4.1 - Rich fens, including eutrophic tall herb fens and calcareous flushes and soils = 4.1.1. Inland marshes		Inland wetlands	Marshes on peat soils	Permanent	Non-forested	U	Non-forested peatlands	Includes shrub or open bogs, swamps, fens	4.1.2	7.2.2.2 Rich fens	Wetlands	04.1	Rich fens, including eutrophic tall herb fens and calcareous flushes and soils	<	7160	Fennoscandian mineral rich springs and springfens		
D4.2 - Basic mountain flushes and streamides, with a rich arctic-montane flora = 4.1.1. Inland marshes		Inland wetlands	Marshes on peat soils	Permanent	Non-forested	U	Non-forested peatlands	Includes shrub or open bogs, swamps, fens	4.1.2	7.2.2.2 Rich fens	Wetlands	04.2	Basic mountain flushes and streamides, with a rich arctic-montane flora	<	7240	Alpine pioneer formations of the Caricion bicoloris-atrolaceae		
X	X	Inland wetlands	Marshes on peat soils	Permanent	Non-forested	U	Non-forested peatlands	Includes shrub or open bogs, swamps, fens	4.1.2	7.2.5 Peat extraction, hydrological modifications	Wetlands			<		no Annex habitat type		
E3.4 - Moist or wet eutrophic and mesotrophic grassland = 3.2.1. Natural grassland		Inland wetlands	Marshes on peat soils	High altitude (mountain)		Va	Alpine wetlands	Includes alpine meadows, temporary waters from snowmelt		4.3.2 Natural seasonally or permanently wet grasslands		E3.4	Moist or wet eutrophic and mesotrophic grassland	<	6540	Sub-Mediterranean grasslands of the Molino-Hordensian scale		
E3.4 - Moist or wet eutrophic and mesotrophic grassland = 3.2.1. Natural grassland		Inland wetlands	Marshes on peat soils	High altitude (mountain)		Va	Alpine wetlands	Includes alpine meadows, temporary waters from snowmelt		4.3.2 Natural seasonally or permanently wet grasslands		E3.4	Moist or wet eutrophic and mesotrophic grassland	<	6430	hydrophilous tall herb fringe communities of plains and of the montane to alpine levels		
E3.5 - Moist or wet oligotrophic grassland = 3.2.1. Natural grassland		Inland wetlands	Marshes on peat soils			Va	Alpine wetlands	Includes alpine meadows, temporary waters from snowmelt				E3.5	Moist or wet oligotrophic grassland	<		no annex type		
E4.1 - Vegetated snow patch = 3.3.3. Sparsely vegetated areas		Inland wetlands	Marshes on peat soils			Va	Alpine wetlands	Includes alpine meadows, temporary waters from snowmelt				E4.1	Vegetated snow patch	<		no annex type		
X		Inland wetlands	Marshes on inorganic or peat soils	Tundra		Vt	Tundra wetlands	Includes tundra pools, temporary waters from snowmelt (over 8 ha)		6.2.1.2 Natural seasonal/intermittent water bodies (over 8 ha)								EUNIS classification too broad - F1: Vegetated tundra land; E4: Tundra grassland under alpine and subalpine grassland
F4.1 - Wet heaths = 3.2.2. Moors and heathland		Inland wetlands	Marshes on inorganic soils	Permanent/seasonal/intermittent	Shrub-dominated	W	Shrub-dominated wetlands	Shrub swamps, shrub-dominated freshwater marshes, shrub carr, alder thicket on inorganic soils	3.2.2	5.1.3 Wet heaths	Wetlands	F4.1	Wet heaths	<	4010	Intermittently flowing Mediterranean rivers of the Paspalo-Agrostion		
F4.1 - Wet heaths = 3.2.2. Moors and heathland		Inland wetlands	Marshes on inorganic soils	Permanent/seasonal/intermittent	Shrub-dominated	W	Shrub-dominated wetlands	Shrub swamps, shrub-dominated freshwater marshes, shrub carr, alder thicket on inorganic soils	3.2.2	5.1.3 Wet heaths	Wetlands	F4.1	Wet heaths	<	4020	Temperate Atlantic wet heaths with Erica ciliaris and Erica tetralix		
F3.1 - Temperate thickets and scrub = 3.2.2. Moors and heathland		Inland wetlands	Marshes on inorganic soils	Permanent/seasonal/intermittent	Shrub-dominated	W	Shrub-dominated wetlands	Shrub swamps, shrub-dominated freshwater marshes, shrub carr, alder thicket on inorganic soils	3.2.2	5.1.3 Wet heaths	Wetlands	F9.1	Riverine scrub	#	3230	Alpine rivers and their rigorous vegetation with Myrica galea		
F3.1 - Temperate thickets and scrub = 3.2.2. Moors and heathland		Inland wetlands	Marshes on inorganic soils	Permanent/seasonal/intermittent	Shrub-dominated	W	Shrub-dominated wetlands	Shrub swamps, shrub-dominated freshwater marshes, shrub carr, alder thicket on inorganic soils	3.2.2	5.1.3 Wet heaths	Wetlands	F9.1	Riverine scrub	<	3240	Alpine rivers and their rigorous vegetation with Salix rosmariniifolia		
F3.2 - Submediterranean deciduous thickets and brush = 3.2.2. Moors and heathland		Inland wetlands	Marshes on inorganic soils	Permanent/seasonal/intermittent	Shrub-dominated	W	Shrub-dominated wetlands	Shrub swamps, shrub-dominated freshwater marshes, shrub carr, alder thicket on inorganic soils	3.2.2	5.1.3 Wet heaths	Wetlands	F9.2	Willow carr and fen scrub	<		no Annex habitat type		
X	Not found	Inland wetlands	Marshes on inorganic soils	Permanent/seasonal/intermittent	Shrub-dominated	W	Shrub-dominated wetlands	Shrub swamps, shrub-dominated freshwater marshes, shrub carr, alder thicket on inorganic soils	3.2.2	5.1.3 Wet heaths	Wetlands	F9.3	Southern riparian galleries and thickets	=	9200	Southern riparian galleries and thickets (Herichthys-Tamaricetum and Securionetum tectoriale)		
X	X	Inland wetlands	Marshes on inorganic soils	Permanent/seasonal/intermittent	Tree-dominated	Xf	Freshwater, tree-dominated wetlands	Includes freshwater swamp forests, seasonally flooded forests, wooded swamps on inorganic soils	3.1.1	3.1.1 Riparian and fluvial broadleaved forest	Wetlands	G1.1	Riparian and gallery woodland, with dominant alder, birch, poplar or willow	#	9110	Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicetum albae)		
X	X	Inland wetlands	Marshes on inorganic soils	Permanent/seasonal/intermittent	Tree-dominated	Xf	Freshwater, tree-dominated wetlands	Includes freshwater swamp forests, seasonally flooded forests, wooded swamps on inorganic soils	3.1.1	3.1.1 Riparian and fluvial broadleaved forest	Wetlands	G1.1	Riparian and gallery woodland, with dominant alder, birch, poplar or willow	#	9240	Salix alba and Populus alba galleries	ACCORDING TO THE EUNIS WEB PAGE, G1.1 CORRESPONDS TO XF Ramiar type and CLC 311	
X	X	Inland wetlands	Marshes on inorganic soils	Permanent/seasonal/intermittent	Tree-dominated	Xf	Freshwater, tree-dominated wetlands	Includes freshwater swamp forests, seasonally flooded forests, wooded swamps on inorganic soils	3.1.1	3.1.1 Riparian and fluvial broadleaved forest	Wetlands	G1.1	Riparian and gallery woodland, with dominant alder, birch, poplar or willow	#	9280	Riparian formations on intermittent Mediterranean water courses with Rhododendron ponticum, Salix and alder	ACCORDING TO THE EUNIS WEB PAGE, G1.1 CORRESPONDS TO XF Ramiar type and CLC 311	
G1.2 - Mixed riparian floodplain and gallery woodland = 3.1.1. Broad-leaved forest		Inland wetlands	Marshes on inorganic soils	Permanent/seasonal/intermittent	Tree-dominated	Xf	Freshwater, tree-dominated wetlands	Includes freshwater swamp forests, seasonally flooded forests, wooded swamps on inorganic soils	3.1.1	3.1.1 Riparian and fluvial mixed forest	Wetlands	G1.2	Mixed riparian floodplain and gallery woodland	#	9110	Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicetum albae)	ACCORDING TO THE EUNIS WEB PAGE, G1.2 CORRESPONDS TO CLC 311	
G1.2 - Mixed riparian floodplain and gallery woodland = 3.1.1. Broad-leaved forest		Inland wetlands	Marshes on inorganic soils	Permanent/seasonal/intermittent	Tree-dominated	Xf	Freshwater, tree-dominated wetlands	Includes freshwater swamp forests, seasonally flooded forests, wooded swamps on inorganic soils	3.1.1	3.1.1 Riparian and fluvial mixed forest	Wetlands	G1.2	Mixed riparian floodplain and gallery woodland	<	9110	Riparian mixed forests of Quercus robur, Ulmus laevis and Ulmus minor, Fraxinus excelsior or Fraxinus angustifolia, along the great rivers (Ulmion minoris)	ACCORDING TO THE EUNIS WEB PAGE, G1.2 CORRESPONDS TO CLC 311	
X	Not found	Inland wetlands	Marshes on inorganic soils	Permanent/seasonal/intermittent	Tree-dominated	Xf	Freshwater, tree-dominated wetlands	Includes freshwater swamp forests, seasonally flooded forests, wooded swamps on inorganic soils	3.1.1	3.1.1 Riparian and fluvial broadleaved forest	Wetlands	G1.3	Mediterranean riparian woodland	#	9200	Platanus orientalis and Liquidambar orientalis woods (Platanion orientalis)	ACCORDING TO THE EUNIS WEB PAGE, G1.3 CORRESPONDS TO CLC 311	
X	Not found	Inland wetlands	Marshes on peat soils	Permanent	Forested	Xp	Forested peatlands	peatswamp forests	3.1.1	3.1.2 Broadleaved swamp forest		G1.4	Broadleaved swamp woodland not on acid peat	<		no Annex habitat type		
X	Not found	Inland wetlands	Marshes on peat soils	Permanent	Forested	Xp	Forested peatlands	peatswamp forests	3.1.1	3.1.2 Broadleaved swamp forest		G1.5	Broadleaved swamp woodland on acid peat	<	9080	Fennoscandian deciduous swamp woods		
X	Not found	Inland wetlands	Marshes on peat soils	Permanent	Forested	Xp	Forested peatlands	peatswamp forests	3.1.1	3.1.2 Broadleaved swamp forest		G1.5	Broadleaved swamp woodland on acid peat	#	9100	Bog woodland		
X	X	Inland wetlands	Marshes on peat soils	Permanent	Forested	Xp	Forested peatlands	peatswamp forests	3.1.2	3.2.2 Coniferous swamp forest		G3.0	Boreal bog conifer woodland	<	9100	Bog woodland		
X	X	Inland wetlands	Marshes on peat soils	Permanent	Forested	Xp	Forested peatlands	peatswamp forests	3.1.2	3.2.2 Coniferous swamp forest		G3.0	Hummock bog conifer woodland	#	9100	Bog woodland		
X	X	Inland wetlands	Marshes on peat soils	Permanent	Forested	Xp	Forested peatlands	peatswamp forests	3.1.2	3.2.2 Mixed swamp forest		G4.1	Mixed swamp woodland	<		no Annex habitat type		
X	X	Inland wetlands	Marshes on peat soils	Permanent	Spring, ooze	Y	Freshwater springs; oases	Freshwater springs (small ponds below 8 ha might be included)	4.1.1	F1.1 Inland freshwater marshes (small ponds below 8 ha might be included)	Rivers and lakes	C2.1	C2.1: Springs, spring brooks and geyzers	<	7160	Fennoscandian mineral rich springs and springfens		
X	X	Inland wetlands	Marshes on peat soils	Permanent	Spring, ooze	Y	Freshwater springs; oases	Freshwater springs (small ponds below 8 ha might be included)	4.1.1	F1.1 Inland freshwater marshes (small ponds below 8 ha might be included)	Rivers and lakes	C2.1	C2.1: Springs, spring brooks and geyzers	<	7220	Periglacial springs with tufa formation (Ceratourion)		
X	X	Inland wetlands	Marshes on peat soils	Permanent	Spring, ooze	Y	Freshwater springs; oases	Freshwater springs (small ponds below 8 ha might be included)	4.1.1	F1.1 Inland freshwater marshes (small ponds below 8 ha might be included)	Rivers and lakes	C2.1	C2.1: Springs, spring brooks and geyzers	<	3140	Transylvanian hot-spring tufa beds		
X	X	Inland wetlands	Marshes on peat soils	Permanent	Spring, ooze	Y	Freshwater springs; oases	Freshwater springs (small ponds below 8 ha might be included)	4.1.1	F1.1 Inland freshwater marshes (small ponds below 8 ha might be included)	Rivers and lakes	C2.1	C2.1: Springs, spring brooks and geyzers	<	3240	Tufa cascades of karstic rivers in the Dinaric Alps		
C2.1 - Springs, spring brooks and geyzers = 4.1.1. Inland marshes		Inland wetlands	Fresh, saline, brackish or alkaline flowing water	Geothermal		Zg	Geothermal wetlands					C2.1	Springs, spring brooks and geyzers	<	3140	Transylvanian hot-spring tufa beds		
X	X	Marine/coastal wetlands	Saline, brackish or sub-saline water	Subterranean		Zk(a)	Karst and other subterranean hydrological systems	marine/coastal				C1.6, C1.67, C1.8, C1.1, C1.2, C1.4		<	3180, 3190	Turloughs, Lakes of gypsum karst		
X	X	Inland wetlands				Zk(b)	Karst and other subterranean hydrological systems	inland				C1.6	Permanent mesotrophic lakes, ponds and pools	<	3100	Lakes of gypsum karst		
X	X	Inland wetlands				Zk(b)	Karst and other subterranean hydrological systems	inland				C1.67	Turlough and lake-bottom meadows	#	3180	Turloughs		
X	X	Human-made wetlands				Zk(c)	Karst and other subterranean hydrological systems	human-made				C1.67	Turlough and lake-bottom meadows	#	3180	Turloughs		