

**CENTRE FOR ECOLOGY AND HYDROLOGY  
NATURAL ENVIRONMENT RESEARCH COUNCIL**

EUROPEAN ENVIRONMENT AGENCY

EUROPEAN TOPIC CENTRE ON  
NATURE PROTECTION AND BIODIVERSITY  
EUNIS HABITAT CLASSIFICATION  
2001 WORK PROGRAMME

Cross-references between the EUNIS habitat classification and the  
nomenclature of CORINE Land Cover

Dorian Moss & Cynthia E Davies

February 2002

**CEH PROJECT No: C00389**



**Centre for  
Ecology & Hydrology**

**NATURAL ENVIRONMENT RESEARCH COUNCIL**

Centre for Ecology and Hydrology  
CEH Monks Wood  
Abbots Ripton,  
Huntingdon, Cambs. UK  
PE28 2LS

Tel: +44 (0)1487 772400  
Fax: +44 (0)1487 773467

## **CONTENTS**

Introduction	1
5 EUNIS habitat classification links to CORINE Land Cover	2
6 CORINE Land Cover links to EUNIS habitat classification	31

## **Introduction**

A website presents the EUNIS habitat classification as updated in February 2002. The website holds the full classification, keys for identification of habitat types at levels 1, 2 and 3 of the hierarchy, glossary of terms and background information on the rationale of the classification and history of its development.

The EUNIS classification has been amended since 1999 in response to proposals received at a international workshops concentrating on marine habitats organised by the OSPAR Commission, The International Council for the Exploration of the Sea (ICES) and the European Environment Agency (EEA) in autumn 2000, and at a meeting of the ICES Marine Habitats Mapping Working Group (spring 2001). Further amendments have been made in response to comments from a number of users of the classification, and in order to update the direct links between the EUNIS classification and other initiatives, notably the Palaeartic habitat classification, CORINE Land Cover nomenclature and Annex I of the EU Habitats Directive 92/43/EEC. In parallel with the update of the EUNIS classification, its links to these other systems have been reviewed and updated.

The present report delivers the links to the classification system used for the CORINE Land Cover Map

## 6 CORINE Land Cover links to EUNIS habitat classification

<b>Land cover</b>	<b>1.1.1. Continuous urban fabric</b>	<b>Land cover</b>	<b>1.2.4. Airports</b>
J1	Buildings of cities, towns and villages	J4.4	Airport runways and aprons
J1.1	Residential buildings of city and town centres	<b>Land cover</b>	<b>1.3.1. Mineral extraction sites</b>
J1.3	Urban and suburban public buildings	H3	Inland cliffs, rock pavements and outcrops
J1.5	Disused constructions of cities, towns and villages	H3.1/P-86.41 (P)	Disused siliceous quarries
J1.51 <sup>2</sup>	Urban and suburban derelict spaces	H3.2/P-86.41 (P)	Disused chalk and limestone quarries
J1.7	High density temporary residential units	J2	Low density buildings
J4.6	Pavements and recreation areas	J3	Extractive industrial sites
X24	Domestic gardens of city and town centres	J3.2	Active opencast mineral extraction sites, including quarries
<b>Land cover</b>	<b>1.1.2. Discontinuous urban fabric</b>	J3.3	Recently abandoned above-ground spaces of extractive industrial sites
H5.6	Trampled areas	<b>Land cover</b>	<b>1.3.2. Dump sites</b>
H5.61	Unsurfaced pathways	J6	Waste deposits
J1	Buildings of cities, towns and villages	J6.1	Weed communities of waste deposits
J1.2	Residential buildings of villages and urban peripheries	J6.2	Household waste and landfill sites
J2.1	Scattered residential buildings	J6.3	Non-agricultural organic waste
J2.2	Rural public buildings	J6.4	Agricultural and horticultural waste
J4.7	Constructed parts of cemeteries	J6.41	Solid agricultural and horticultural waste
X23	Large non-domestic gardens	J6.42	Liquid agricultural wastes (manure)
X25	Domestic gardens of villages and urban peripheries	J6.5	Industrial waste
<b>Land cover</b>	<b>1.2.1. Industrial or commercial units</b>	J6.51	Mining slag heaps
J1.4	Urban and suburban industrial and commercial sites still in active use	J6.52	Industrial scrap and detritus heaps
J1.41	Urban and suburban commercial units	J6.6	Waste resulting from building construction or demolition
J1.42	Urban and suburban factories	<b>Land cover</b>	<b>1.3.3. Construction sites</b>
J2	Low density buildings	J1.6	Urban and suburban construction and demolition sites
J2.3	Rural industrial and commercial sites still in active use	J2	Low density buildings
J2.31	Rural commercial units	J2.7	Rural construction and demolition sites
J2.32	Rural industrial sites	<b>Land cover</b>	<b>1.4.1. Green urban areas</b>
J2.6	Disused rural constructions	E2.6	Agriculturally-improved, re-seeded and heavily fertilized grassland, including fields and grass lawns
J2.61	Derelict spaces of disused rural constructions	sports	Park lawns
J6.3/P-89.24	Highly artificial man-made waters and associated structures	E2.6/P-85.12	Small-scale lawns
J6.3/P-89.24	Sewage works and sludge beds	E2.65	Small-scale ornamental and domestic garden areas
<b>Land cover</b>	<b>1.2.2. Road and rail networks and associated land</b>	J2.2	Small parks and city squares
J4	Transport networks and other constructed hard-surfaced areas	J2.2/P-85.2	Large parks
J4.1	Weed communities of transport networks and other constructed hard-surfaced areas	X11	Small city centre non-domestic gardens
J4.2	Road networks	X22	
J4.3	Rail networks	<b>Land cover</b>	<b>1.4.2. Sport and leisure facilities</b>
<b>Land cover</b>	<b>1.2.3. Port areas</b>	E2.6	Agriculturally-improved, re-seeded and heavily fertilized grassland, including fields and grass lawns
J4.5	Hard-surfaced areas of ports	sports	Turf sports fields
<b>Land cover</b>	<b>1.2.3. Port areas</b>	E2.63	

<sup>2</sup> all subtypes at level 5 or below link to the same CORINE Land Cover class as the level 4 habitat

J1.7	High density temporary residential units		
<b>Land cover</b>	<b>2.1.1. Non-irrigated arable land</b>		
I1	Arable land and market gardens	G1.D/P-83.15	Fruit orchards
I1.1	Intensive unmixd crops	G1.D/P-83.181	Other high-stem orchards
I1.2	Mixed crops of market gardens and horticulture	G2	Broadleaved evergreen woodland
I1.21	Large-scale market gardens and horticulture	G2.9	Evergreen orchards and groves
I1.22	Small-scale market gardens and horticulture, including allotments	G2.9/P-83.16	Citrus orchards
I1.5	Bare tilled, fallow or recently abandoned arable land	G2.9/P-83.182	Other evergreen orchards
I1.51	Bare tilled land		
I1.52	Fallow un-inundated fields with annual weed communities	G2	
I1.53	Fallow un-inundated fields with annual and perennial weed communities	G2.9	
J2.4	Agricultural constructions	G2.9/P-83.11	
J2.41	Agricultural buildings (not isolated)		
J2.42	Isolated agricultural buildings		
J2.43	Greenhouses		
<b>Land cover</b>	<b>2.1.2. Permanently irrigated land</b>	<b>Land cover</b>	<b>2.2.3. Olive groves</b>
C3.4	Species-poor beds of low-growing water-fringing or amphibious vegetation	B1	Broadleaved evergreen woodland
C3.4/P-82.42	[Nasturtium officinale] ([Rorippa nasturtium-aquaticum]) beds	B1.9	Evergreen orchards and groves
I1	Arable land and market gardens	E2	[Olea europaea] groves
I1.1	Intensive unmixd crops	E2.1	
I1.11	Large-scale intensive unmixd crops (>25ha)	E2.1/P-38.11	
I1.5	Bare tilled, fallow or recently abandoned arable land	E2.1/P-38.12	
I1.54	Fallow inundated fields with annual and perennial weed communities	E2.1/P-38.13	
I1.55	Fallow inundated fields with annual and perennial weed communities	E2.14	
		E2.1/P-38.5	
		E2.6	
<b>Land cover</b>	<b>2.1.3. Rice fields</b>		
I1.4	Inundated or inundatable croplands, including rice fields	E2.6/P-81.1	fields and grass lawns
<b>Land cover</b>	<b>2.2.1. Vineyards</b>	E2.6/P-81.2	Dry or moist agriculturally-improved grassland
FB	Shrub plantations	E7	Wet agriculturally-improved grassland, often with drainage ditches
FB.4	Vineyards	E7.1	Sparsely wooded grasslands
		E7.2	Atlantic parkland
		FA	Sub-continental parkland
		FA.1	Hedgerows of exotic species
		FA.2	Highly-managed hedgerows of native species
		FA.3	Species-rich hedgerows of native species
		FA.4	Species-poor hedgerows of native species
		X09	Pasture woods (with a tree layer overlying pasture)
		X10	Mixed landscapes with a woodland element (bocages)
<b>Land cover</b>	<b>2.2.2. Fruit trees and berry plantations</b>	<b>Land cover</b>	<b>2.4.2. Complex cultivation patterns</b>
FB	Shrub plantations	I1	Arable land and market gardens
FB.1	Shrub plantations for whole-plant harvesting	I1.12	Medium-scale intensive unmixd crops (1-25ha)
FB.2	Shrub plantations for leaf or branch harvest	I1.13	Small-scale intensive unmixd crops (<1ha)
FB.2/P-83.23	Tea plantations	I2	Cultivated areas of gardens and parks
FB.22	Osier beds	I2.1	Large-scale ornamental garden areas
FB.3	Shrub plantations for ornamental purposes or for fruit, other than vineyards	I2.1/P-85.14	Park flower beds, arbours and shrubbery
FB.3/P-83.221	Shrub and low-stem tree orchards	I2.12	Botanical gardens
FB.32	Ornamental shrub plantations	I2.2	Small-scale ornamental and domestic garden areas
G1	Broadleaved deciduous woodland	I2.2/P-85.31	Ornamental garden areas
G1.D	Fruit and nut tree orchards	I2.2/P-85.32	Subsistence garden areas
G1.D/P-83.12	[Castanea sativa] plantations	12.3	Weed communities of recently abandoned garden areas
G1.D/P-83.13	[Juglans] groves		
G1.D/P-83.14	[Prunus amygdalus] groves		



and			
G1.A/P-41.2 mesotrophic	related woodland		
	[Quercus] - [Fraxinus] - [Carpinus betulus] woodland on eutrophic and soils		
G1.A/P-41.3	Non-riverine [Fraxinus] woodland		
G1.A/P-41.A	[Carpinus betulus] woodland		
G1.A/P-41.4	Ravine and slope woodland	B1	Coastal dune and sand habitats
G1.A/P-41.G	[Tilia] woodland	B1.6/P-16.27	Dune [Juniperus] thickets
G1.A/P-41.F	Non-riverine [Ulmus] woodland	B1.7	Coastal dune woods
G1.A/P-41.H	Mixed deciduous woodland of the Black and Caspian Seas	B1.7/H-03.04.06.01	Coastal brown dunes covered with natural or almost natural coniferous forest, e.g. [Pinus sylvestris]
G1.A/P-41.F3	Euro Siberian maple woods		
G1.B	Non-riverine [Alnus] woodland		
G1.B/P-41.C1	[Alnus cordata] woods	G3	Coniferous woodland
G1.B/P-41.C2	Nemoral [Alnus] woods	G3.1	[Abies] and [Picea] woodland
G1.B/P-41.C3	Boreal and boreonemoral [Alnus] woods	G3.1/P-42.11	Neutrophile medio-European [Abies] forests
G1.C	Highly artificial broadleaved deciduous forestry plantations	G3.1/P-42.12	Calciphilous [Abies alba] forests
G1.C/P-83.321	Deciduous exotic [Quercus] plantations	G3.1/P-42.13	Acidophilous [Abies alba] forests
G1.C/P-83.324	[Robinia] plantations	G3.1/P-42.14	Corsican [Abies alba] forests
G1.C/P-83.3251	Other broadleaved deciduous plantations	G3.1/P-42.15	Southern Apennine [Abies alba] forests
G2	Broadleaved evergreen woodland	G3.1/P-42.16	Moesian [Abies alba] forests
G2.1	Mediterranean evergreen [Quercus] woodland	G3.1/P-42.17	Balkano-Ponic [Abies] forests
G2.1/P-45.2	[Quercus suber] woodland	G3.1/P-42.18	Aegean [Abies] forests
G2.1/P-45.3	[Quercus flex] woodland	G3.1/P-42.19	[Abies pinsapo] forests
G2.1/P-45.4	[Quercus coccifera] and [Quercus alnifolia] woodland	G3.1/P-42.21	Relict [Abies nebrodensis] stands
G2.2	Eurasian continental sclerophyllous woodland	G3.1/P-42.22	Alpine and Carpathian sub-alpine [Picea] forests
G2.2/P-45.51	Mediterraneo-Atlantic [Laurus] - [Quercus] woodland	G3.1/P-42.23	Inner range montane [Picea] forests
G2.2/P-45.52	Ponto-Hyrcanian sclerophyllous forests	G3.1/P-42.24	Hercynian subalpine [Picea] forests
G2.3	Macaronesian [Laurus] woodland	G3.1/P-42.25	Southern European [Picea abies] forests
G2.3/P-45.61	Azorean lauristivas	G3.1/P-42.27	Enclave [Picea abies] forests
G2.3/P-45.62	Madeiran lauristivas	G3.1/P-42.28	[Picea omorika] forests
G2.3/P-45.63	Canarian lauristivas	G3.1/P-42.28	[Picea orientalis] forests
G2.4	[Olea europaea] - [Ceratonia siliqua] woodland	G3.1/P-42.1B	[Abies] reforestation
G2.4/P-45.11	Wild [Olea europaea] woodland	G3.1/P-42.26	[Picea abies] reforestation
G2.4/P-45.12	[Ceratonia siliqua] woodland	G3.2	Alpine [Larix] - [Pinus cembra] woodland
G2.4/P-45.13	Canarian [Olea europaea] woodland	G3.2/P-42.31	Eastern Alpine siliceous [Larix] and [Pinus cembra] forests
G2.5	[Phoenix] groves	G3.2/P-42.32	Eastern Alpine calcicolous [Larix] and [Pinus cembra] forests
G2.5/P-45.71	Cretean [Phoenix theophrasti] groves	G3.2/P-42.33	Western [Larix], mountain pine and [Pinus cembra] forests
G2.5/P-45.72	Canarian [Phoenix canariensis] groves	G3.2/P-42.34	Alpine secondary [Larix] formations
G2.5/P-45.73	Anatolian [Phoenix theophrasti] groves	G3.2/P-42.35	Carpathian [Larix] and [Pinus cembra] forests
G2.6	[Ilex aquifolium] woods	G3.2/P-42.36	[Larix polonica] forests
G2.8	Highly artificial broadleaved evergreen forestry plantations	G3.3	[Pinus uncinata] woodland
G2.8/P-83.322	[Eucalyptus] plantations	G3.3/P-42.41	[Pinus uncinata] forests with [Rhododendron ferrugineum]
G2.8/P-83.323(p)	Evergreen exotic [Quercus] plantations	G3.3/P-42.42	Xerophile [Pinus uncinata] forests
G2.8/P-83.3252	Other evergreen broadleaved tree plantations	G3.3/P-42.43	[Pinus uncinata] reforestation
G2.9	Evergreen orchards and groves	G3.4	[Pinus sylvestris] woodland south of the taiga
G2.9/P-83.17	[Phoenix] groves	G3.4/P-42.51	Caledonian forest
G5.7	Coppice and early-stage plantations	G3.4/P-42.52	Middle European [Pinus sylvestris] forests
G5.7/P-83.222(p)	Early-stage broadleaved deciduous plantations	G3.4/P-42.53	Inner-Alpine [Ononis] steppe forests
G5.7/P-83.222(p)	Early-stage broadleaved evergreen plantations	G3.4/P-42.54	Spring heath [Pinus sylvestris] forests
G5.7/P-83.222(p)	Early-stage broadleaved evergreen plantations	G3.4/P-42.55	Inner Alpine [Minuartia laricifolia] steppe forests
		G3.4/P-42.56	Pyrenean mesophile [Pinus sylvestris] forests
		G3.4/P-42.57	Central Massif [Pinus sylvestris] forests
		G3.4/P-42.58	South-western Alpine mesophile [Pinus sylvestris] forests
		G3.4/P-42.59	Supra-Mediterranean [Pinus sylvestris] forests
		G3.4/P-42.5A	Iberian calcareous [Pinus sylvestris] woods
		G3.4/P-42.5B	Iberian siliceous [Pinus sylvestris] forests
		G3.4/P-42.5C	South-eastern European [Pinus sylvestris] forests



E1.2/P-34.311	Helleno-Balkanic [Satureja montana] steppes	E1.9/P-35.21	Dwarf annual siliceous grassland
E1.22	Arid subcontinental steppe grassland (Festucion valesiacae)	E1.9/P-35.22	Perennial open siliceous grassland
E1.23	Meso-xerophile subcontinental meadow-steppes (Cirsio-Brachypodium)	E1.9/P-35.23	[Corynephorus] grassland
E1.24	Central alpine arid grassland ([Stipo-Polygon])	E1.A	Mediterranean dry acid and neutral open grassland
E1.2/P-34.317	Alvar steppes	E1.A/P-35.4	Mediterranean annual deep-sand communities
E1.2/P-34.32	Sub-Atlantic semi-dry calcareous grassland	E1.A/P-35.5	Supramediterranean perennial siliceous grasslands
E1.2/P-34.33	Sub-Atlantic very dry calcareous grassland	E1.B	Heavy-metal grassland
E1.2/P-34.34	Central European calcareo-siliceous grassland	E1.B/P-34.21	Atlantic heavy-metal grassland
E1.2/P-34.35	[Festuca pallens] grassland	E1.B/P-34.22	Calamintarian grassland
E1.2/P-34.36	[Brachypodium phoenicoides] swards	E1.B/P-34.23	Central European heavy-metal grassland
E1.2/P-34.37	Serpentine steppes	E1.B/P-34.24	Calamintarian [Silene vulgaris] grassland
E1.2/P-34.91	Pannonic loess steppic grassland	E1.B/P-34.25	Alpine heavy-metal grassland
E1.2/P-34.92	Ponto-Sarmatic steppes	E2	Mesic grasslands
E1.2/P-34.95	Irano-Anatolian steppes	E2.2	Low and medium altitude hay meadows
E1.2/P-34.A1	Pannonic sand steppes	E2.2/P-38.21	Atlantic hay meadows
E1.2/P-34.A2	Ponto-Sarmatic sand steppes	E2.2/P-38.22	Sub-Atlantic lowland hay meadows
E1.2/P-34.A5	Irano-Anatolian sand steppes	E2.2/P-38.23	Medio-European submontane hay meadows
E1.3	Mediterranean xeric grassland	E2.2/P-38.24	Boreal and sub-boreal meadows
E1.3/P-34.51	West Mediterranean xeric grassland	E2.2/P-38.25	Continental meadows
E1.3/P-34.52	South-western Mediterranean perennial pastures	E2.3	Mountain hay meadows
E1.3/P-34.53	East Mediterranean xeric grassland	E2.3/P-38.31	Alpine mountain hay meadows
E1.4	Mediterranean tall-grass and [Artemisia] steppes	E2.3/P-38.32	Ponto-Caucasian hay meadows
E1.4/P-34.61	[Stipa tenacissima] steppes	E2.4	Iberian summer pastures (vallivares)
E1.4/P-34.62	[Lygum spartum] steppes	E2.4/P-38.41	Perennial vallivares
E1.4/P-34.63	Mediterranean steppes dominated by tall grasses other than [Stipa tenacissima] or [Lygum spartum]	E2.4/P-38.42	Annual vallivares
E1.4/P-34.64	Cane steppes	E2.4/P-38.43	Andalusian [Armeria] vallivares
E1.4/P-34.65	Sub-Mediterranean [Artemisia] steppes	E2.5	Meadows of the steppe zone
E1.5	Mediterraneo-montane grassland	E2.7	Unmanaged mesic grassland
E1.5/P-34.71	Mediterraneo-montane steppes	E3	Seasonally wet and wet grasslands
E1.5/P-34.72	[Aphyllanthes] grassland and supra-Mediterranean steppes	E3.1	Mediterranean tall humid grassland
E1.5/P-34.73	Iberian [Festuca] frost-influenced grassland	E3.1/P-22.344	[Serapias] grassland
E1.5/P-34.74	Central and southern Apennine dry grassland	E3.2	Mediterranean short humid grassland
E1.5/P-34.75	Eastern sub-Mediterranean dry grassland	E3.3	Sub-mediterranean humid meadows
E1.6	Subnitrophilous grassland	E3.3/P-37.61	Helleno-Moesian riverine and humid [Trifolium] meadows
E1.6/P-34.81	Mediterranean subnitrophilous grass communities	E3.3/P-37.62	Apennine humid meadows
E1.6/P-34.82	Meseta subnitrophilous crucifer communities	E3.3/P-37.63	Dalmatian riverine and humid meadows
E1.6/P-34.83	Iberian south-eastern subnitrophilous herb communities	E3.3/P-37.64	Ilyrio-Moesian riverine and humid [Trifolium] meadows
E1.6/P-34.84	Eastern Mediterranean subnitrophilous herb communities	E3.3/P-37.65	Anatolian supra-Mediterranean humid grassland
E1.65	Non-Mediterranean subnitrophilous grassland	E3.4	Moist or wet eutrophic and mesotrophic grassland
E1.7	Non-Mediterranean dry acid and neutral closed grassland	E3.4/P-37.21	Atlantic and sub-Atlantic humid meadows
E1.7/P-35.11	[Nardus stricta] swards	E3.4/P-37.22	[Juncus acutiflorus] meadows
E1.7/P-35.12	[Agrostis] - [Festuca] grassland	E3.4/P-37.23	Subcontinental riverine meadows
E1.7/P-35.13	[Deschampsia flexuosa] grassland	E3.4/P-37.24	Flood swards and related communities
E1.7/P-35.14	[Calamagrostis epigejos] stands	E3.4/P-37.25	Recently abandoned hay meadows
E1.7/P-35.15	[Carex arenaria] grassland	E3.4/P-37.26	Continental humid meadows
E1.8	Mediterranean dry acid and neutral closed grassland	E3.47	Northern boreal alluvial meadows
E1.8/P-35.3	Mediterranean thermophilic siliceous grassland	E3.5	Moist or wet oligotrophic grassland
E1.8/P-35.6	Iberian [Festuca elegans] grassland	E3.5/P-37.31	[Molinia caerulea] meadows and related communities
E1.8/P-35.7	Mediterraneo-montane [Nardus stricta] swards	E3.5/P-37.32	Heath [Juncus] meadows and humid [Nardus stricta] swards
E1.9	Non-Mediterranean dry acid and neutral open grassland, including inland dune grassland	E3.5/P-37.33	Continental oligotrophic humid grassland
		E4	Alpine and subalpine grasslands
		E4.3	Acid alpine and subalpine grassland

E4.3/P-36.31	Alpic [Nardus stricta] swards and related communities	B1.5	Coastal dune heaths
E4.3/P-36.32	Oroboreal acidoclone grassland	B1.5/P-16.23	[Empetrum] brown dunes
E4.3/P-36.33	Thermo-Alpigenous subalpine acidophilous grassland	B1.5/P-16.24	[Calluna vulgaris] brown dunes
E4.3/P-36.34	Alpigenous acidophilous grassland	B1.6	Coastal dune scrub
E4.3/P-36.35	Oro-Hellenic closed grassland	B1.6/P-16.25	Coastal dune thickets
E4.3/P-36.36	Oro-Iberian acidophilous grassland	B1.6/P-16.26	[Salix arenaria] mats
E4.3/P-36.37	Oro-Corsican grassland	B2.5	Shingle and gravel beaches with scrub vegetation
E4.3/P-36.38	Oro-Apennine closed grassland	B2.6	Shingle and gravel beach woodland
E4.3/P-36.39	Oro-Moesian acidophilous grassland	B3.32	Vegetated Baltic gently sloping rocky shores and cliffs
E4.3/P-36.3A	Western Asian acidophilous alpine grassland	B3.41	Baltic chalk and moraine cliffs
E4.4	Calciphilous alpine and subalpine grassland	E5	Woodland fringes and clearings and tall forb habitats
E4.4/P-36.41	Closed calciphile alpine grassland	E5.3	[Pteridium aquilinum] fields
E4.4/P-36.42	Wind edge [Kobresia myosuroides] swards	E5.3/P-31.861	Sub-Atlantic [Pteridium aquilinum] fields
E4.4/P-36.43	Calciphilous stepped and gartand grassland	E5.3/P-31.862	Macroesian [Pteridium aquilinum] fields
E4.4/P-36.6	Ponto-Caucasian alpine grassland	E5.3/P-31.863	Supra-Mediterranean [Pteridium aquilinum] fields
E4.5	Alpine and subalpine enriched grassland	E5.5B	Alpine and subalpine fern strands
E4.5/P-36.51	Subalpine [Trisetum flavescens] hay meadows	F2	Arctic, alpine and subalpine scrub habitats
E4.5/P-36.52	[Leontodon hispidus] pastures	F2.2	Evergreen alpine and subalpine heath and scrub
E5	Woodland fringes and clearings and tall forb habitats	F2.2/P-31.41	Alpide dwarf ericoid wind heaths
E5.4	Moist or wet tall-herb and fern fringes and meadows	F2.2/P-31.42	Alpide acidoclone [Rhododendron] heaths
E5.41	Screens or veils of perennial tall herbs lining watercourses	F2.2/P-31.43	Southern Palaearctic mountain dwarf [Juniperus] scrub
E5.42	Tall-herb communities of humid meadows	F2.2/P-31.44	Alpigenous high mountain [Empetrum - Vaccinium] heaths
E5.4/P-37.72	Shady woodland edge fringes	F2.2/P-31.45	Boreo-alpine and arctic heaths
E5.4/P-24.53	Mediterranean grasslands on alluvial river banks	F2.2/P-31.46	[Bruckenthalia] heaths
E5.5	Subalpine moist or wet tall-herb and fern habitats	F2.2/P-31.47	Alpide [Arctostaphylos uva-ursi] and [Arctostaphylos alpinus] heaths
E5.5/P-37.81	Alpic tall-herb communities	F2.2/P-31.48	Alpide [Rhododendron hirsutum] - [Erica] heaths
E5.5/P-37.82	Alpigenous tall grass communities	F2.2/P-31.49	[Dryas octopetala] mats
E5.5/P-37.83	Pyreneo-Iberian tall-herb communities	F2.2/P-31.4A	Alpide high mountain dwarf [Vaccinium] heaths
E5.5/P-37.84	Ibero-Mauritanian tall-herb communities	F2.2/P-31.4B	Alpide high mountain [Genista] and [Chamaecytisus] heaths
E5.5/P-37.85	Corsican [Cymbalaria] tall-herb communities	F2.3	Subalpine and oroboreal bush communities
E5.5/P-37.86	Corsican [Doronicum] tall-herb communities	F2.3/P-31.61	Mountain [Alnus] brush
E5.5/P-37.87	Eastern oro-Mediterranean and Balkan tall-herb communities	F2.3/P-31.62	Subalpine and oroboreal [Salix] brush
E5.5/P-37.88	Alpine [Rumex] communities	F2.3/P-31.63	Subalpine mixed brushes
E5.5/P-37.89	Oro-boreal tall-herb communities	F2.3/P-31.64	Oroboreal [Betula] scrub
E5.5/P-37.8A	Ponto-Caucasian tall-herb communities	F2.4	[Pinus mugo] scrub
E5.6	Anthropogenic forb-rich habitats	F2.4/P-31.51	Inner Alpine [Pinus mugo] scrub
E5.61	Lowland habitats colonised by tall nitrophilous herbs	F2.4/P-31.52	Outer Alpine [Pinus mugo] scrub
E5.6/P-87.2(p)	Weed communities of recently abandoned urban and suburban constructions	F2.4/P-31.53	South-western [Pinus mugo] scrub
E5.6/P-87.2(p)	Weed communities of recently abandoned rural constructions	F2.4/P-31.54	Apennine [Pinus mugo] scrub
E5.6/P-87.2(p)	Weed communities of recently abandoned extractive industrial sites	F2.4/P-31.55	Hercynian [Pinus mugo] scrub
E5.6/P-87.3	Land reclamation forb fields	F2.4/P-31.56	Carpathian [Pinus mugo] scrub
E6	Inland saline grass and herb-dominated habitats	F2.4/P-31.57	Pelago-Dinaride [Pinus mugo] scrub
E6.1	Mediterranean inland saline grass and herb-dominated habitats	F2.4/P-31.58	Balkano-Rhodopide [Pinus mugo] scrub
E6.1/P-15.81	Mediterranean [Limonium] salt steppes	F3	Temperate and mediterraneo-montane scrub habitats
E6.1/P-15.82	Mediterranean [Lygeum spartum] salt steppes	F3.1	Temperate thickets and scrub
E6.1/P-15.12(p)	Mediterranean inland saline grass and herb-dominated habitats	F3.1/P-31.81	Medio-European rich-soil thickets
E6.2	Pannonic salt steppes and saltmarshes	F3.1/P-31.82	[Buxus sempervirens] thickets
E6.2/P-15.A1	Ponto-Sarmatic salt steppes and saltmarshes	F3.1/P-31.83	Atlantic poor soil thickets
E6.2/P-15.A2	Central Eurasian solonchak grassland dominated by [Cypripis]	F3.1/P-31.841	Temperate [Cytisus scoparius] fields
E6.2/P-15.14		F3.1/P-31.85	[Ulex europaeus] thickets
		F3.1/P-31.88	[Juniperus communis] scrub

### 3.2.2. Moors and heathland

F3.1/P-31.8C	[Corylus] thickets	G5.6/P-31.8G	Coniferous scrub woodland
F3.1/P-64.14	Inland dune thickets	G5.6/P-51.16	Raised bog pre-woods
F3.2	Mediterraneo-montane broadleaved deciduous thickets	G5.7	Coppice and early-stage plantations
F3.2/P-31.842	Montane [Cytisus purgans] fields		
F3.2/P-31.89	South-western sub-mediterranean deciduous thickets		
F3.2/P-31.8A	Tyrrhenian sub-mediterranean deciduous thickets		
F3.2/P-31.8B	Subcontinental and continental deciduous thickets		
F4	Temperate shrub heathland		
F4.1	Wet heaths		
F4.1/P-31.11	Northern wet heaths	B1	Coastal dune and sand habitats
F4.1/P-31.12	Southern wet heaths	B1.6/P-16.28	Dune sclerophyllous scrubs and thickets
F4.1/P-31.13	[Molinia caerulea] wet heaths	E5	Woodland fringes and clearings and tall forb habitats
F4.2	Dry heaths	E5.1	Over-grazed arid Mediterranean garrigues (ermes)
F4.2/P-31.21	Sub-montane [Vaccinium] - [Calluna] heaths	E5.1/P-32.91	[Asphodelus] fields
F4.2/P-31.22	Sub-Atlantic [Calluna] - [Geminata] heaths	E5.1/P-32.92	Thistle fields
F4.2/P-31.23	Atlantic [Erica] - [Ulex] heaths	E5.1/P-32.93	[Phlomis] brushes
F4.2/P-31.24	Ibero-Atlantic [Erica - Ulex - Cistus] heaths	E5.1/P-32.94	[Fenalia] stands
F4.2/P-31.25	Boreo-Atlantic [Erica cinerea] heaths	F5	Maquis, matorrals and thermo-Mediterranean brushes
F4.2/P-64.13	Inland dune heaths	F5.1	Arborescent matorrals
F4.3	Macaronesian heaths	F5.1/P-32.11	Evergreen [Quercus] matorrals
F4.3/P-31.31	Canarian heaths	F5.1/P-32.12	[Olea europaea] and [Pistacia lentiscus] matorrals
F4.3/P-31.32	Madeiran cloud heaths	F5.1/P-32.13	[Juniper] matorrals
F4.3/P-31.33	Madeiran summital heaths	F5.1/P-32.14	[Pinus] matorrals
F4.3/P-31.34	Azorean lowland heaths	F5.1/P-32.15	[Tetraxis articulata] matorrals
F4.3/P-31.35	Upland Azorean [Erica azorica] and [Juniperus brevifolia] heaths	F5.1/P-32.16	Deciduous [Quercus] matorrals
F4.3/P-31.36	Azorean summital heaths	F5.1/P-32.17	Arid zone matorrals
F5.2/P-32.37	[Cytisus]-dominated maquis	F5.1/P-32.18	[Laurus nobilis] matorrals
F5.4	[Spartium junceum] fields	F5.1/P-32.19	[Cupressus] matorrals
F6.7	Mediterranean gypsum scrubs	F5.1/P-32.1A	[Zelkova] matorrals
F6.7/P-15.91	Central Iberian gypsum scrubs	F5.2	Maquis
F6.7/P-15.92	Ebro gypsum scrubs	F5.2/P-32.31	High maquis
F6.7/P-15.93	South-eastern Iberian gypsum scrubs	F5.2/P-32.32	Low ericaceous maquis
F6.8	Xero-halophilic scrubs	F5.2/P-32.33	Tall [Cistus] maquis
F6.8/P-15.71	Canarian xero-halophilous scrubs	F5.2/P-32.34	Low [Cistus] maquis
F6.8/P-15.72	Mediterranean halo-nitrophilous scrubs	F5.2/P-32.35	Low [Cistus - Lavandula stoechas] maquis
F9	Riverine and fen scrubs	F5.2/P-32.36	Low sparse maquis
F9.1	Orogenous riverine brush	F5.3	Pseudomaquis
F9.1/P-44.11	Lowland and collinar riverine [Salix] scrub	F5.3/P-32.71	Helleno-Balkanic pseudomaquis
F9.1/P-44.12	Montane river gravel low brush	F5.3/P-32.72	Italo-French pseudomaquis
F9.1/P-24.223	Gravel bank thickets and woods	F5.3/P-32.73	Iberian pseudomaquis
F9.1/P-24.224	[Salix] carr and fen scrub	F5.3/P-32.74	Western Asian pseudomaquis
F9.2	Southern riparian galleries and thickets	F5.5	Thermo-Mediterranean shrub habitats
F9.3	[Nerium oleander], [Vitex agnus-castus] and [Tamarix] galleries	F5.5/P-32.21	Thermo-Mediterranean brushes, thickets and heath-garrigues
F9.3/P-44.81	South-western Iberian tamujares, formed by [Securinega tinctoria]	F5.5/P-32.22	[Euphorbia dendroides] formations
F9.3/P-44.82	Lauriphyllous galleries of the Cordillera Oretana	F5.5/P-32.23	[Ampelodesmos mauritanica] -dominated garrigues
F9.3/P-44.83	[Myrica gale] - [Salix] scrub of the Cordillera Oretana	F5.5/P-32.24	[Chamaerops humilis] brush
F9.3/P-44.84	Lines of trees, small anthropogenic woodlands, recently felled woodland, early-stage	F5.5/P-32.25	Mediterranean pre-desert scrub
G5		F5.5/P-32.26	Thermo-Mediterranean broom fields (retamares)
		F5.5/P-32.27	Mediterranean gorse-heaths
		F5.5/P-32.28	Iberian thermo-Mediterranean garrigues
		F5.5/P-32.29	[Stauracanthus boivini] gorse-heaths
		F5.5/P-32.2A	Western Tethyan xero-psammitic brushes
		F5.5/P-32.2B	Cabo de Sao Vicente brushes
		F5.5/P-32.2C	Thermo-Mediterranean heaths
		F6	Garrigue
G5.6/P-31.8D	woodland and coppice		
G5.6/P-31.8F	Deciduous scrub woodland		
	Mixed scrub woodland		

F6.1	Western garrigues	F6.4/P-32.C1	Crimean garrigues
F6.1/P-32.41	Western [Quercus coccifera] garrigues	F6.4/P-32.C2	South-Euxinian garrigues
F6.1/P-32.42	Western [Rosmarinus officinalis] garrigues	F6.4/P-32.C3	Thracian garrigues
F6.1/P-32.43	Western [Cistus] garrigues	F6.5	Macroesiean garrigues
F6.1/P-32.44	Western [Euphorbia] garrigues	F6.6	Supra-Mediterranean garrigues
F6.1/P-32.45	Western [Juniperus oxycedrus] garrigues	F6.6/P-32.61	[Lavandula angustifolia] garrigues
F6.1/P-32.46	Western [Lavandula] garrigues	F6.6/P-32.62	[Genista cinerea] garrigues
F6.1/P-32.47	Western [Teucrium] and other labiate garrigues	F6.6/P-32.63	Ibero-Gallie supra-Mediterranean dwarf-shrub garrigues
F6.1/P-32.48	Western [Genista] garrigues	F6.6/P-32.64	Supra-Mediterranean [Buxus sempervirens] scrub
F6.1/P-32.49	Western [Calicotome] garrigues	F6.6/P-32.65	Italian supra-Mediterranean garrigues
F6.1/P-32.4A	Western composite garrigues	F6.6/P-32.66	Balkan peninsula supra-Mediterranean garrigues
F6.1/P-32.4B	Western [Erica] garrigues	F7	Spiny Mediterranean heaths (phrygana, hedgehog-heaths and related coastal cliff vegetation)
F6.1/P-32.4C	Western [Globularia] garrigues	F7.1	West Mediterranean spiny heaths
F6.1/P-32.4D	Western [Helianthemum] and [Fumana] garrigues	F7.1/P-33.1	West Mediterranean mainland cliff-top phrygana
F6.1/P-32.4E	[Lithodora fruticosa] garrigues	F7.1/P-33.8	Balearic cliff-top phrygana
F6.1/P-32.4F	Western [Thymelaea] garrigues	F7.2	Central Mediterranean spiny heaths
F6.1/P-32.4G	Western [Bupleurum] garrigues	F7.2/P-33.2	Sardinian [Centaura horrida] phrygana
F6.1/P-32.4H	Western [Ulex] garrigues	F7.2/P-33.7	Sardinian [Genista acanthoclada] phrygana
F6.1/P-32.4I	Western [Ononis fruticosa] garrigues	F7.2/P-33.9	Corsican and Sardinian [Genista] phrygana
F6.1/P-32.4I	Western [Anthyllis cytisoides] garrigues	F7.2/P-33.A	Pantelleria phrygana
F6.1/P-32.4K	Western [Dictamnus] garrigues	F7.2/P-33.6	Central Mediterranean [Sarcopoterium] phrygana
F6.2	Eastern garrigues	F7.2/P-33.5	[Hypericum aegypticum] phrygana
F6.2/P-32.51	Eastern [Quercus coccifera] garrigues	F7.3	East Mediterranean phrygana
F6.2/P-32.52	Eastern [Rosmarinus officinalis] garrigues	F7.3/P-33.3	Aegean phrygana
F6.2/P-32.53	Eastern [Cistus] garrigues	F7.3/P-33.4	Mid-elevation phrygana of Crete
F6.2/P-32.54	Eastern [Euphorbia] garrigues	F7.3/P-33.B	Thracian phrygana
F6.2/P-32.55	Eastern [Juniperus oxycedrus] garrigues	F7.3/P-33.C	East Mediterranean bathas
F6.2/P-32.56	Eastern [Lavandula] garrigues	F7.4	Hedgehog-heaths
F6.2/P-32.57	Eastern [Teucrium] and other labiate garrigues	F7.4/P-31.71	Pyrenean hedgehog-heaths
F6.2/P-32.58	Eastern [Paliurus spina-christi] garrigues	F7.4/P-31.72	Cordilleran hedgehog-heaths
F6.2/P-32.59	Eastern broom garrigues	F7.4/P-31.73	Nevadan hedgehog-heaths
F6.2/P-32.5A	[Ebenus cretica] bushes	F7.4/P-31.74	Fransco-Iberian hedgehog-heaths
F6.2/P-32.5B	Eastern [Helichrysum] and other composite garrigues	F7.4/P-31.75	Cymo-Sardinian hedgehog-heaths
F6.2/P-32.5C	Eastern [Erica] garrigues	F7.4/P-31.76	Mount Etna hedgehog-heaths
F6.2/P-32.5D	[Arbutus andrachne] garrigues	F7.4/P-31.77	Madonie and Apennine hedgehog-heaths
F6.2/P-32.5E	Eastern [Globularia] garrigues	F7.4/P-31.78	Helleno-Balkanic sylvatic [Astragalus] hedgehog-heaths
F6.2/P-32.5F	Eastern [Thymelaea] garrigues	F7.4/P-31.79	Hellenic oro-Mediterranean hedgehog-heaths
F6.2/P-32.5G	Eastern [Bupleurum] garrigues	F7.4/P-31.7A	Hellenic alti-Mediterranean hedgehog-heaths
F6.2/P-32.5H	East Mediterranean pre-desert scrub	F7.4/P-31.7B	Cretean hedgehog-heaths
F6.2/P-32.D22	Illyrian garrigues	F7.4/P-31.7C	Aegean summital hedgehog-heaths
F6.3	Illyrian [Quercus coccifera] garrigues	F7.4/P-31.7D	Southern Hellenic [Genista acanthoclada] hedgehog-heaths
F6.3/P-32.B1	Illyrian [Rosmarinus officinalis] garrigues	F7.4/P-31.7E	[Astragalus sempervirens] hedgehog-heaths
F6.3/P-32.B2	Illyrian [Cistus] garrigues	F7.4/P-31.7F	Canarian cushion-heaths
F6.3/P-32.B3	Illyrian [Euphorbia] garrigues	F7.4/P-31.7H	Cyprian hedgehog-heaths
F6.3/P-32.B4	Illyrian [Juniperus oxycedrus] garrigues	F7.4/P-31.7I	Mediterraneo-Anatolian hedgehog-heaths
F6.3/P-32.B5	Illyrian [Teucrium] and other labiate garrigues	F8	Western central Eurasian hedgehog-heaths
F6.3/P-32.B6	Illyrian [Paliurus spina-christi] garrigues	F8.1	Thermo-Atlantic xerophytic habitats
F6.3/P-32.B7	Illyrian broom garrigues	F8.1/P-32.81	Canarian xerophytic habitats
F6.3/P-32.B8	Illyrian [Helichrysum] and other composite garrigues	F8.1/P-32.82	Western Canarian [Euphorbia] communities
F6.3/P-32.B9	Illyrian [Erica] garrigues	F8.1/P-32.83	Western Canarian saxicolous formations
F6.3/P-32.BA	Black Sea garrigues		Eastern Canarian xerophytic communities

F8.1/P-32.84	Canarian [Launaea] scrub	B1.2/H-03.03.01.02	Sandy beach ridges dominated by shrubs or trees
F8.2	Mediterranean xerophytic habitats	B1.3	Shifting coastal dunes
F8.2/P-32.85	Madeiran [Euphorbia] formations	B1.3/P-16.211	Embryonic shifting dunes
F8.2/P-32.86	Mediterranean saxicolous formations	B1.3/P-16.212	White dunes
F8.2/P-32.87	Desert dry scrub	B1.3/P-16.213	Young boreo-arctic dunes
G2.7	Canarian heath woodland	B1.4	Coastal stable dune grassland (grey dunes)
G2.7/P-45.91	Canarian fayal-breza	B1.4/P-16.221	Northern fixed grey dunes
G2.7/P-45.93	[Visnea] - [Arbutus] forests	B1.4/P-16.222	Biscay fixed grey dunes
G2.7/P-45.92	Hierran fayal	B1.4/P-16.223	Mediterranean-Atlantic fixed grey dunes
		B1.4/P-16.224	East Mediterranean fixed grey dunes
		B1.4/P-16.225	Atlantic dune [Mesobromion] grassland
		B1.4/P-16.226	Atlantic dune thermophile fringes
		B1.4/P-16.227	Dune fine-grass annual communities
		B1.4/P-16.228	Tethyan dune deep sand thermophile communities
		B1.4/P-16.229	Dune Mediterranean xeric grassland
		B1.8	Moist and wet dune slacks
		B1.8/P-16.32	Dune-slack pioneer swards
		B1.8/P-16.33	Dune-slack fens
		B1.8/P-16.34	Dune-slack grassland and heaths
		B1.8/P-16.35	Dune-slack reedbeds, sedgebeds and canebeds
		B1.8/H-03.04.07.02	Dune-slack dunes: wet dune slacks: dominated by shrubs or trees
stage	woodland and coppice	B2	Coastal shingle habitats
G5.1	Lines of trees	B2.1	Shingle beach driftline habitats
G5.2	Small broadleaved deciduous anthropogenic woodlands	B2.1/P-17.21	Boreo-arctic gravel beach annual communities
G5.3	Small broadleaved evergreen anthropogenic woodlands	B2.1/P-17.22	Atlantic and Baltic shingle beach drift lines
G5.4	Small coniferous anthropogenic woodlands	B2.1/P-17.23	Gravel beach communities of the Mediterranean region
G5.5	Small mixed broadleaved and coniferous anthropogenic woodlands	B2.1/M-1.3.1.	Biocenosis of slowly drying wrecks
G5.6	Early-stage natural and semi-natural woodlands and regrowth	B2.2	Unvegetated mobile shingle beaches above the driftline
G5.7	Coppice and early-stage plantations	B2.3	Upper shingle beaches with open vegetation
G5.7/P-31.8E	Coppice	B2.3/P-17.31	Baltic [Crambe maritima] communities
G5.8	Recently felled areas	B2.3/P-17.32	Channel [Crambe maritima] communities
G5.81	Recently felled areas, formerly broadleaved trees	B2.3/P-17.33	Atlantic [Crambe maritima] communities
G5.82	Recently felled areas, formerly coniferous trees	B2.4	Fixed shingle beaches, with herbaceous vegetation
G5.83	Recently felled areas, formerly mixed broadleaved and coniferous trees	B2.4/P-17.41	Euro-Siberian gravel bank grasslands
X13	Land sparsely wooded with broadleaved deciduous trees	B2.5/P-17.42	Euro-Siberian gravel bank heaths
X14	Land sparsely wooded with broadleaved evergreen trees	C1.1/P-16.31	Dune-slack pools
X15	Land sparsely wooded with coniferous trees	C3	Littoral zone of inland surface waterbodies
X16	Land sparsely wooded with mixed broadleaved and coniferous trees	C3.6	Unvegetated or sparsely vegetated shores with soft or mobile sediments
X18	Wooded steppe	C3.61	Unvegetated river sand banks
X19	Wooded tundra	C3.62	Unvegetated river gravel banks
X20	Treeline ecotones	C3.63	Unvegetated river mud banks
		C3.6/P-22.26(p)	Exposed unvegetated freshwater lake sands and shingles
		C3.6/P-22.26(p)	Exposed unvegetated freshwater lake muds
		C3.6/P-23.14	Exposed unvegetated beaches of inland saline and brackish waters with soft sediments
		C3.7	Unvegetated or sparsely vegetated shores with non-mobile substrates
		C3.7/P-24.6	Periodically exposed river-bed rocks, pavements and blocks
		C3.72	Periodically exposed lake-bed rocks, pavements and blocks
		C3.73	Draw-down zones of reservoirs with non-mobile substrates
		E1	Dry grasslands
		E1.9	Non-Mediterranean dry acid and neutral open grassland, including inland dune grassland
B1.2/H-03.03.01.01	Sandy beach ridges with no or low vegetation		

E1.9/P-64.11	Inland dune pioneer grassland	H2.4	Temperate-montane calcareous and ultra-basaltic screes
E1.9/P-64.12	Inland dune siliceous grassland	H2.4/P-61.21	Alpine calcareous screes
E1.9/P-64.16	Northern fluviatile dunes	H2.4/P-61.22	[Thlaspi rotundifolium] screes
E1.9/P-64.4	Southern fluviatile dunes	H2.4/P-61.23	Fine calcareous screes
E1.9/P-64.2	Breckland inland dunes	H2.4/P-61.24	Carpathian calcareous screes
E1.9/P-64.61	Rhône riverine dunes	H2.4/P-61.25	Rhodopide calcareous screes
E1.9/P-64.62	Southern Iberian inland dunes	H2.5	Acid siliceous screes of warm exposures
E1.9/P-64.71	Pannonic inland dunes	H2.5/P-61.33	Pyreneo-Alpine thermo-siliceous screes
E1.9/P-64.72	Pontic inland dunes	H2.5/P-61.36	Oro-Cantabrian siliceous screes
E1.9/P-64.A	Standing stone inland dunes	H2.5/P-61.372	Ibero-Pyrenean acidophilic fern screes
E1.9/P-64.A	Irano-Anatolian inland dunes	H2.5/P-61.38	Carpetano-Iberian siliceous screes
F3	Temperate and mediterraneo-montane scrub habitats	H2.5/P-61.39	Nevadan siliceous screes
F4	Temperate shrub heathland	H2.5/P-61.3B2	Central Mediterranean siliceous screes
H5	Miscellaneous inland habitats with very sparse or no vegetation	H2.5/P-61.71(p)	Anatolian siliceous screes
H5.21	Unvegetated young glacial moraines	H2.6	Calcareous and ultra-basaltic screes of warm exposures
H5.3	Sparsely- or un-vegetated habitats on mineral substrates not resulting from recent ice activity	H2.6/P-61.31	Pert-Alpine thermophilous screes
H5.31	Clay and silt with very sparse or no vegetation	H2.6/P-61.32	Cevenno-Provençal screes
H5.32	Stable sand with very sparse or no vegetation	H2.6/P-61.34	Pyrenean calcareous screes
H5.33	Lacustrine dunes	H2.6/P-61.35	Oro-Cantabrian calcareous screes
H5.34	Inland non-lacustrine dunes	H2.6/P-61.371	Iberian calciphilic fern screes
H5.35	Gravel with very sparse or no vegetation	H2.6/P-61.3A	Southern Iberian calcareous screes
		H2.6/P-61.3B1	Central Mediterranean calcareous screes
		H2.6/P-61.41	Eastern Mediterranean limestone screes
		H2.6/P-61.42	Eastern Mediterranean serpentine screes
		H2.6/P-61.43	Cyprian screes
		H2.6/P-61.51	Illyrian montane calcareous screes
		H2.6/P-61.52	Illyrian sub-Mediterranean screes
		H2.6/P-61.53	Illyrian montane serpentine screes
		H2.6/P-61.54	Illyrian [Achnatherum calamagrostis] screes
		H2.6/P-61.71(p)	Anatolian calcareous screes
		H3	Inland cliffs, rock pavements and outcrops
A1	Littoral rock and other hard substrata	H3.1	Acid siliceous inland cliffs
B3	Rock cliffs, ledges and shores, including the supralittoral	H3.1/P-62.21	Middle European montane siliceous cliffs
B3.1	Supralittoral rock (lichen or splash zone)	H3.1/P-62.22	Oro-Iberian siliceous cliffs
B3.1/B-L.R.L	Lichens or algal crusts on supralittoral rocks	H3.1/P-62.23	South-western Alpine siliceous cliffs
B3.1/P-19.1	Rock stacks and islets above high tide level	H3.1/P-62.24	Cyno-Sardinian montane and alpine cliffs
B3.2	Unvegetated rock cliffs, ledges, shores and islets	H3.1/P-62.25	Helleno-Carpatho-Balkanite [Silene] siliceous cliffs
B3.2/P-18.11	High Arctic sea-cliffs and rocky shores	H3.1/P-62.26	Pert-Pyrenean montane siliceous cliffs
B3.2/P-18.12	Atlantic low Arctic sea-cliffs and rocky shores	H3.1/P-62.27	Western Iberian siliceous cliffs
B3.2/P-18.13	Temperate Atlantic sea-cliffs and rocky shores	H3.1/P-62.28	West Mediterranean thermophile siliceous cliffs
B3.2/P-18.15	Unvegetated Baltic rocky shores and cliffs	H3.1/P-62.29	Lowland northern and middle siliceous cliffs
B3.2/P-18.16	Subtropical Atlantic sea-cliffs and rocky shores	H3.1/P-62.2A	Boreal siliceous cliffs
B3.3	Mediterraneo-Pontic sea-cliffs and rocky shores	H3.2	Bare siliceous inland cliffs
B3.3/P-18.21(p)	Rock cliffs, ledges and shores, with halophytic angiosperms	H3.2/P-62.11	Basic and ultra-basaltic inland cliffs
B3.3/P-18.22	Atlantic sea-cliff communities	H3.2/P-62.12	Tyrreno-Adriatic eumediterranean calcicolous chasmophyte communities
B3.3/P-18.23	Tethyan sea-cliff communities	H3.2/P-62.13	Central Pyrenean calcicolous chasmophyte communities
B3.3/P-18.24	Canarian and Madeiran sea-cliff communities	H3.2/P-62.14	Liguro-Apennine calcicolous chasmophyte communities
B3.3/P-18.3	Azorean sea-cliff communities	H3.2/P-62.15	Western mediterraneo-montane chasmophyte communities
B3.4	Coastal lagoon cliff communities	H3.2/P-62.16	Alpine and sub-mediterranean chasmophyte communities
B3.41	Soft sea-cliffs, often vegetated	H3.2/P-62.17	Hellenic eumediterranean calcicolous chasmophyte communities
C3.8	Baltic chalk and moraine cliffs	H3.2/P-62.17	Aegeo-east-Mediterranean basiphilic chasmophyte communities
H2	Inland spray- and steam-dependent habitats	H3.2/P-62.18	Southern Hellenic [Potentialia] cliffs
H2.1	Screes		
H2.2	Cold siliceous screes		
H2.3	Temperate-montane acid siliceous screes		
H2.3/P-61.11	Alpine siliceous screes		
H2.3/P-61.12	Medio-European upland siliceous screes		

H3.2/P-62.19	Central Hellenic [Potential] cliffs
H3.2/P-62.1A	Illyrio-Helleno-Balkanic [Potential] cliffs
H3.2/P-62.1B	Lowland middle European calcareous cliff communities
H3.2/P-62.1C	Boreal calcareous cliff communities
H3.2/P-62.1D	Mediterraneo-Anatolian calcicolous chasmophyte communities
H3.2/P-62.41	Bare limestone inland cliffs
H3.2/P-62.2B	Boreal and arctic serpentine and basaltic cliff communities
H3.2/P-62.43	Bare inland basaltic and ultrabasic cliffs
H3.2.1	Temperate serpentine and basaltic cliff communities
H3.2J	Mediterranean serpentine and basaltic cliff communities
H3.3	Macaronesian inland cliffs
H3.4	Wet inland cliffs
H3.4/P-62.51	Mediterranean wet inland cliffs
H3.4/P-62.52	Northern wet inland cliffs
H3.5	Almost bare rock pavements, including limestone pavements
H3.5/P-62.31	Pavements, rock slabs, rock domes
H3.6	Weathered rock and outcrop habitats
H3.61	Bare weathered rock and outcrop habitats
H3.62	Boulder fields

### Land cover

C3.5/P-24.52

C3.5/P-24.54

C3.55

E4

E4.1

E4.1/P-36.11(p)

E4.1/P-36.12(p)

E4.1/P-36.13(p)

E4.1/P-36.1125

E4.2

E4.2/P-36.322

E4.2/P-62.32

E4.2/P-62.33

E4.2/P-66.312

E4.25

F1

F1.1

F1.1/P-39.11

F1.2

F1.2/P-39.21

F1.2/P-39.22

F2

F2.1

F2.1/P-36.11(p)

F2.1/P-36.12(p)

F2.1/P-36.13(p)

H3

H3.6

H3.62

### 3.3.3. Sparsely vegetated areas

Euro-Siberian annual river mud communities

Boreo-arctic river mud communities

Sparsely vegetated river gravel banks

Alpine and subalpine grasslands

Snow-patch grassland

Boreo-alpine acidocline snow-patch grassland and herb habitats

Boreo-alpine calcicline snow-patch grassland and herb habitats

Ponto-Caucasian snow-patch grassland

Boreo-alpine fern snow-bed grassland

Moss and lichen dominated mountain summits, ridges and exposed slopes

Oroboreal [Carex bigelowii]-[Rhacomitrium] moss-heaths

Rock pavement lichen communities

Rock pavement, plateau and summital moss heaths

Icelandic lava flow moss heaths

Moss and lichen fjell fields

Tundra

Shrub tundra

Western shrub tundra

Moss and lichen tundra

[Cladonia] - espalier willow tundra

Moss tundra

Arctic, alpine and subalpine scrub habitats

Snow-patch dwarf willow scrub

Boreo-alpine acidocline snow-patch [Salix herbacea] scrub

Boreo-alpine calcicline snow-patch [Salix polaris] scrub

Ponto-Caucasian snow-patch dwarf [Salix] scrub

Inland cliffs, rock pavements and outcrops

Weathered rock and outcrop habitats

Sparsely vegetated weathered rock and outcrop habitats

H5

H5.1

H5.11

H5.2

H5.22

H5.36

H5.4

H6

H6.1

H6.1/P-66.61

H6.1/P-66.62

H6.1/P-66.63

H6.1/P-66.64

H6.1/P-66.65

H6.1/P-66.66

H6.1/P-66.67

H6.1/P-66.68

H6.2

H6.2/P-66.1

H6.2/P-66.21

H6.2/P-66.22

H6.2/P-66.3

H6.2/P-66.4

X05

### Land cover

H5.5

H5.51

H5.52

### Land cover

H4

H4.1

H4.2

H4.2/P-63.31

H4.2/P-63.32

H4.2/P-63.23

H4.3

H4.3/P-63.21

H4.3/P-63.22

H4.33

### Land cover

A2.5/H-03.07.01

A2.6/B-LMU.Simm-u

C2

C2.1

C2.11

C2.12

Miscellaneous inland habitats with very sparse or no vegetation

Fjell fields and other freeze-thaw features with very sparse or no vegetation

Fjell fields with very sparse or no vegetation

Glacial moraines with very sparse or no vegetation

Sparsely vegetated glacial moraines

Shallow rocky soils with very sparse or no vegetation

Dry organic substrates with very sparse or no vegetation

Recent volcanic features

Active volcanic features

Italian fumaroles

Sicilian fumaroles

Pantelleria fumaroles

Macaronesian fumaroles

Icelandic solfataras

East Mediterranean fumaroles and solfataras

Pert-Alpine fumaroles, solfataras and motettes

Western Asian fumaroles and solfataras

Inactive recent volcanic features

Teide violet community

Etna summital communities

Western Asian orovolcanic communities

Barren lava fields and flows

Volcanic ash and lapilli fields

Snow patch habitats

### 3.3.4. Burnt areas

Burnt areas with very sparse or no vegetation

Unvegetated recently burnt ground

Sparsely vegetated burnt areas

### 3.3.5. Glaciers and perpetual snow

Snow or ice-dominated habitats

Snow packs

True glaciers

Ice sheets and ice caps

Cirque and valley glaciers

Glaciers

Rock glaciers and unvegetated ice-dominated moraines

Rock glaciers

Ice-core moraines

Unvegetated glacial moraines in the process of formation

### 4.1.1. Inland marshes

Geotlitoral wetlands and meadows: reed, rush and sedge stands

Mid-upper saltmarshes and saline reedbeds

Surface running waters

Springs, spring brooks and geysers

Soft water springs

Hard water springs

C2.1/P-66.8	Geysers	D2.3/P-54.57	[Rhynchospora alba] quaking bogs
C2.1/P-66.7	Thermal springs	D2.3/P-54.58	[Sphagnum] and [Eriophorum] rafts
C2.15	Saline springs	D2.3/P-54.59	[Menyanthes trifoliata] and [Potentilla palustris] rafts
C2.5	Temporary running waters (wet phase)	D2.3/P-54.5A	[Calla palustris] mires
C3	Littoral zone of inland surface waterbodies	D2.3/P-54.5B	Brown moss carpets
C3.1	Species-rich helophyte beds	D2.3/P-54.5C	[Eriophorum vaginatum] quaking bogs
C3.1/P-53.4	Beds of small helophytes of fast-flowing waters	D2.3/P-54.5D	[Molinia caerulea] quaking bogs
C3.2	Water-fringing reedbeds and tall helophytes other than canes	D2.3/P-54.5E	[Calamagrostis stricta] quaking bogs
C3.2/P-53.11	[Phragmites australis] beds	D2.3/P-54.5F	[Scirpus hudsonianus] ([Trichophorum alpinum]) quaking bogs
C3.2/P-53.12(p)	[Scirpus lacustris] beds	D2.3/P-54.5G	Iberian quaking bogs
C3.2/P-53.13(p)	[Typha] beds	D2.3/P-54.6	Wet, open, acid peat and sand, with [Rhynchospora alba] and [Drosera]
C3.2/P-53.14	Medium-tall non-graminoid waterside communities	D4	Base-rich fens
C3.2/P-53.15	Water-fringe medium-tall grass beds	D4.1	Rich fens, including eutrophic tall-herb fens and calcareous flushes and soaks
C3.2/P-53.16	[Phalaris arundinacea] beds	D4.1/P-54.21	[Schoenus nigricans] fens
C3.2/P-53.17	Halophile [Scirpus] beds	D4.1/P-54.22	[Schoenus ferngineus] fens
C3.2/P-53.33	Riparian [Cladium mariscus] beds	D4.1/P-54.23	Subcontinental [Carex davalliana] fens
C3.3	Water-fringing beds of tall canes	D4.1/P-54.24	Pyrenean [Carex davalliana] fens
C3.3/P-53.61	[Saccharum ravennae] communities	D4.1/P-54.25	[Carex dioica], [Carex pulicaris] and [Carex flava] fens
C3.3/P-53.62	[Arundo donax] beds	D4.16	[Carex nigra] alkaline fens
C3.4	Species-poor beds of low-growing water-fringing or amphibious vegetation	D4.1/P-54.27	[Carex saxatilis] fens
C3.4/P-22.31	Euro-Siberian perennial amphibious communities	D4.1/P-54.28	[Carex frigida] fens
C3.4/P-22.34	Mediterranean-Atlantic amphibious communities	D4.1/P-54.29	British [Carex demissa] - [Saxifraga aizoides] flushes
C3.4/P-22.35	Central Eurasian amphibious communities	D4.1/P-54.2A	[Eleocharis quinqueflora] fens
C3.4/P-23.22	[Eleocharis parvula] and [Eleocharis acicularis] beds of inland saline and brackish waters	D4.1/P-54.2B	Mediterranean-Turanian small sedge fens
C3.5	Pioneer and ephemeral vegetation of periodically inundated shores	D4.1/P-54.2C	[Carex rostrata] alkaline fens
C3.5/P-22.32	Euro-Siberian dwarf annual amphibious swards	D4.1/P-54.2D	[Scirpus hudsonianus] ([Trichophorum alpinum]) alkaline fens
C3.5/P-22.33	[Bidens] communities (of lake and pond shores)	D4.1/P-54.2E	[Trichophorum cespitosum] alkaline fens
D2	Valley mires, poor fens and transition mires	D4.1/P-54.2F	Middle European [Blysmus compressus] fens
D2.1	Valley mires	D4.1/P-54.2G	Small herb alkaline fens
D2.11	Acid valley mires	D4.1/P-54.2H	Calcareous dunal [Juncus] - sedge fens
D2.12	Basic and neutral valley mires	D4.1/P-54.2I	Tall herb fens
D2.2	Poor fens	D4.1/P-54.2K	Icelandic [Carex bigelowii] fens
D2.2/P-54.41	[Eriophorum scheuchzeri] fens	D4.1/P-54.2L	[Sestertia caerulea] fens
D2.2/P-54.42	[Carex nigra], [Carex canescens], [Carex echinata] fens	D4.1/P-54.2M	Icelandic [Equisetum palustre] fens
D2.2/P-54.43	Apennine acidic fens	D4.1/P-54.12	[Myrica gale] scrub on rich fens
D2.2/P-54.44	[Carex intricata] pozzines (wet depressions surrounding glacial lakes)	D4.2	Hard water spring mires
D2.2/P-54.45	[Trichophorum cespitosum] and [Narthecium ossifragum] acidic fens	D4.2/P-54.31	Basic mountain flushes and stream-sides, with a rich arctic-montane flora
D2.2/P-54.46	[Eriophorum angustifolium] fens	D4.2/P-54.32	Arctoalpine [Kobresia simpliciuscula] and [Carex microglochin] swards
D2.2/P-54.47	Dunal sedge acidic fens	D4.2/P-54.33	Alpine riverine [Carex maritima] ([Carex incurva]) swards
D2.2/P-54.48	Illyrio-Moesian acidic fens	D4.2/P-54.34	Arctoalpine riverine [Equisetum], [Typha] and [Juncus] swards
D2.2/P-54.49	Boreal acidic sphagnum fens	D4.2/P-54.35	British mica flushes
D2.2/P-44.93(p)	[Myrica gale] scrub on poor fens	D4.2/P-54.7	Boreal [Carex atrofusca] swards
D2.2/P-54.4A	Caucasian acidic fens	D5	Boreal marsh-fens
D2.2/P-54.11	Soft water spring mires	D5.1	Sedge and reedbeds, normally without free-standing water
D2.3	Transition mires and quaking bogs	D5.1/P-53.112	Reedbeds normally without free-standing water
D2.3/P-54.51	[Carex lasiocarpa] swards	D5.1/P-53.12(p)	[Phragmites australis] beds normally without free-standing water
D2.3/P-54.52	[Carex diandra] quaking mires	D5.1/P-53.13(p)	[Scirpus lacustris] beds normally without free-standing water
D2.3/P-54.53	[Carex rostrata] quaking mires	D5.2	[Typha] beds normally without free-standing water
D2.3/P-54.54	[Carex limosa] swards	D5.2/P-53.21	Beds of large sedges normally without free-standing water
D2.3/P-54.55	[Carex chorthorhiza] swards	D5.2/P-53.22	Tall [Cyperus] spp.
D2.3/P-54.56	[Carex heleonastes] swards	D5.2/P-53.23	Tall [Cyperus] beds, other than [Cyperus papyrus] [Cyperus papyrus] swamps

D5.2/P-53.31	Fen [ <i>Cladium mariscus</i> ] beds	A2.6/B-LMU.Smdr	Saltmarsh driftlines
D5.2/P-53.32	Valencia [ <i>Cladium</i> ] islands	A2.62	Species-rich upper saltmarshes
D5.3	Swamps and marshes dominated by [ <i>Juncus effusus</i> ] or other large [ <i>Juncus</i> ] spp.	A2.6/B-LMU.Smm-n	Mid-upper saltmarshes and saline reedbeds
D6	Inland saline and brackish marshes and reedbeds	A2.64	Low-mid saltmarshes
D6.1	Inland saltmarshes	A2.65	Pioneer saltmarshes
D6.1/P-15.41	Interior European [ <i>Puccinellia distans</i> ] meadows	<b>Land cover</b>	<b>4.2.2. Salines</b>
D6.1/P-15.42	Interior European saltmarsh [ <i>Juncus gerardi</i> ] and [ <i>Elymus repens</i> ] beds	J5	Highly artificial man-made waters and associated structures
D6.1/P-15.43	Interior European [ <i>Halimione pedunculata</i> ] beds	J5.1	Highly artificial saline and brackish standing waters
D6.1/P-15.44	Swards of Carpathian travertine concretions	J5.1/P-89.12	Saltworks
D6.1/P-15.114	Interior Iberian [ <i>Microcennium</i> ] and [ <i>Salicornia</i> ] swards	<b>Land cover</b>	<b>4.2.3. Intertidal flats</b>
D6.1/P-15.115(p)	Interior central European and Anatolian [ <i>Salicornia</i> ], [ <i>Microcennium</i> ], [ <i>Suaeda</i> ] and	A1	Littoral rock and other hard substrata
	[ <i>Salsola</i> ] swards	A1.1	Littoral rock very exposed to wave action
D6.2	Inland saline or brackish species-poor helophyte beds normally without free-standing water	A1.1/B-ELR.MB	Mussels and/or barnacles on very exposed littoral rock
D6.2/P-53.1122	Dry halophile [ <i>Phragmites</i> ] beds	A1.1/B-ELR.FR	Robust fucoids or red seaweeds on very exposed littoral rock
D6.2/P-53.222	[ <i>Cyperus laevigatus</i> ] beds	A1.1/M-I1.4.1.	Communities of the upper mediolittoral rock
		A1.1/M-I1.4.2.(p)	Communities of the lower mediolittoral rock very exposed to wave action
<b>Land cover</b>	<b>4.1.2. Peatbogs</b>	A1.2	Littoral rock moderately exposed to wave action
C1.4/P-51.13	Raised bog pools	A1.21	Mussels and/or barnacles on littoral rock moderately exposed to wave action
C1.4/P-51.15	Lagg	A1.2/B-MLR.BF	Fucoids and barnacles on moderately exposed littoral rock
D1	Raised and blanket bogs	A1.2/B-MLR.R	Red seaweeds on moderately exposed littoral rock
D1.1	Raised bogs	A1.2/B-MLR.Eph	Ephemeral green or red seaweeds (freshwater- or sand-influenced) on moderately exposed littoral rock
D1.1/P-51.1	Active, relatively undamaged raised bogs	A1.2/B-MLR.MF	Mussels and fucoids on moderately exposed littoral rock
D1.1.2	Damaged, inactive bogs	A1.2/B-MLR.Sab	[Sabalmar] reefs on littoral rock
D1.1.3	Condensation mires	A1.2/M-I1.4.2.(p)	Communities of the lower mediolittoral rock moderately exposed to wave action
D1.1/P-44.93(p)	[ <i>Myrica gale</i> ] scrub on raised bogs	A1.3	Littoral rock sheltered from wave action
D1.15	[ <i>Myrica gale</i> ] scrub on raised bogs	A1.3/B-SLRF	Dense fucoids on sheltered littoral rock
D1.2	Blanket bogs	A1.3/B-SLRF.FX	Fucoids, barnacles or ephemeral seaweeds on sheltered littoral mixed substrata
D1.2/P-52.1	Hyperoceanic low-altitude blanket bogs, typically with dominant [ <i>Trichophorum</i> ]	A1.3/B-SLRF.MX	Mussel beds on sheltered littoral mixed substrata
D1.2/P-52.2	Montane blanket bogs, [ <i>Calluna</i> ] and [ <i>Eriophorum vaginatum</i> ] often dominant	A1.3.4	Red algal turf in lower eulittoral, sheltered from wave action
D1.2.3	Boreo-Atlantic blanket bogs	A1.3/M-I1.4.2.(p)	Communities of the lower mediolittoral rock sheltered from wave action
D1.2.4	Wet bare peat and peat hags on blanket bogs	A1.4	Rock habitats exposed by action of wind (e.g. hydrolittoral)
D3	Aapa, palsa and polygon mires	A1.4/H-02.01.01.03	Hydrolittoral soft rock
D3.1	Palsa mires	A1.4/H-02.01.02.03	Hydrolittoral solid rock (bedrock)
D3.1/P-54.91	Palsa mounds	A1.4/H-02.03.03	Hydrolittoral hard clay
D3.1/P-54.92	[ <i>Sphagnum fuscum</i> ] pouitko hummocks	A1.4/H-02.09.03	Hydrolittoral [ <i>Myritius edulis</i> ] beds
D3.1/P-54.93	Palsa mire flarks	A1.4/H-02.11.02	Hydrolittoral peat
D3.2	Aapa mires	A1.5	Rockpools
D3.2/P-54.81	Aapa strings	A1.5/B-LR.Rkp(p)	Communities of littoral rockpools
D3.2/P-54.82	Aapa flarks	A1.5/B-LR.Rkp(f)	Communities of rockpools in the supralittoral zone
D3.3	Polygon mires	A2	Littoral sediments
D3.3/P-54.A1	Polygon mire ridges	A2.1	Littoral gravels and coarse sands
D3.3/P-54.A2	Polygon mire hollows	A2.1/B-LGSS.Sh	Shingle and gravel shores
X04	Raised bog complexes	A2.1/M-I1.3.1.	Communities of the mediolittoral coarse detritic bottoms
X28	Blanket bog complexes	A2.2	Littoral sands and muddy sands
		A2.21	Sandy and muddy sand shores with 90-100% air exposure
		A2.22	Sandy and muddy sand shores with 70-90% air exposure
		A2.23	Sandy and muddy sand shores with <70% air exposure
		A2.2/B-LGSS.S	Sand shores
<b>Land cover</b>	<b>4.2.1. Salt marshes</b>		
A2.34	Saltmarsh creeks		
A2.35	Saltmarsh pools		
A2.6	Coastal saltmarshes and saline reedbeds		



J5.32	Intensively managed fish ponds		
J5.33	Water storage tanks		
J5.34	Standing waterbodies of extractive industrial sites with extreme chemistry		
J5.42	Running discharges from extractive industrial sites with extreme chemistry		
X26	Baltic glo-lakes		
<b>Land cover</b>	<b>5.2.1. Coastal lagoons</b>		
A1.5/H-04.02.01	Brackish permanent pools in the geolittoral zone		
A4.55	Sublittoral macrophyte beds of coastal brackish waters		
X02	Saline coastal lagoons		
X03	Brackish coastal lagoons		
<b>Land cover</b>	<b>5.2.2. Estuaries</b>		
A2.1/B-LGS.Est	Estuarine coarse sediment shores		
A4.3/B-IMU.EsIMu	Variable or reduced salinity sublittoral muds		
A4.4/B-IMX.EsIMx	Variable and reduced salinity sublittoral mixed sediments		
A4.55	Sublittoral macrophyte beds of coastal brackish waters		
C2	Surface running waters		
C2.4	Tidal rivers, upstream from the estuary		
C2.4/P-13.11	Brackish water tidal rivers		
X01	Estuaries		
<b>Land cover</b>	<b>5.2.3. Sea and ocean</b>		
A3	Sublittoral rock and other hard substrata		
A3.1	Infralittoral rock very exposed to wave action and/or currents and tidal streams		
A3.1/B-EIR.KFaR	Kelp with cushion fauna, foliose red seaweeds or coralline crusts (exposed rock)		
A3.1/B-IR.FaSwV(p)	Fauna and seaweeds on vertical exposed infralittoral rock		
A3.1/M-III.6.1.(p)	Communities of infralittoral algae very exposed to wave action		
A3.14	Areas dominated by encrusting algae		
A3.15	Areas dominated by frondose algae, other than kelp		
A3.2	Infralittoral rock moderately exposed to wave action and/or currents and tidal streams		
A3.2/B-MIR.KR	Kelp and red seaweeds on moderately exposed infralittoral rock		
A3.2/B-MIR.GzK	Grazed kelp with algal crusts on moderately exposed infralittoral rock		
A3.2/B-MIR.SedK	Sand-tolerant or disturbed kelp and seaweed on moderately exposed infralittoral rock		
A3.2/B-IR.FaSwV(p)	Fauna and seaweeds on vertical moderately exposed infralittoral rock		
A3.2/M-III.6.1.(p)	Communities of infralittoral algae moderately exposed to wave action		
A3.26	Baltic brackish water sublittoral biocoenoses of hard substrata influenced by varying salinity		
A3.27	Animal-dominated communities of moderately exposed infralittoral rock		
A3.3	Infralittoral rock sheltered from wave action and currents and tidal streams		
A3.3/B-SIR.K	Silted kelp communities on sheltered infralittoral rock		
A3.3/B-SIR.EsFta	Estuarine faunal communities on shallow rock or mixed substrata		
A3.3/B-SIR.Lag	Submerged fucoids, green and red seaweeds on reduced/low salinity infralittoral rock		
A3.3/M-III.6.1.(p)	Communities of infralittoral algae sheltered from wave action		
A3.35	Animal-dominated communities of sheltered infralittoral rock in full salinity		
A3.4	Caves, overhangs and surge gullies in the infralittoral zone		
A3.4/B-EIR.SG	Robust fauna on infralittoral surge gullies and cave walls		
A3.5	Circalittoral rock very exposed to wave action or currents and tidal streams		
A3.5/B-ECR.EFa	Faunal crusts or short turfs on exposed circalittoral rock		
A3.5/B-ECR.Alc	[Alcyonium]-dominated communities on tide-swept circalittoral rock		
A3.5/B-ECR.BS	Barnacle, cushion sponge and [Tubularia] communities on very tide-swept circalittoral rock		
A3.6	Circalittoral rock moderately exposed to wave action or currents and tidal streams		
A3.6/B-MCR.XFa	Mixed faunal turf communities on moderately exposed circalittoral rock		
A3.6/B-MCR.ByH	Sand-influenced bryozoan and hydroid turfs on moderately exposed circalittoral rock		
A3.6/B-MCR.CsAb	[Sabellaria spinulosa] communities on circalittoral rock		
A3.6/B-MCR.M	Mussel beds on moderately exposed circalittoral rock		
A3.6/B-MCR.Br	Brittleshrimp beds on circalittoral rock or mixed substrata		
A3.6/B-MCR.BrFa	Grazed faunal communities on moderately exposed or sheltered circalittoral rock		
A3.6/B-MCR.As	Silt-influenced ascidian communities on moderately exposed circalittoral rock		
A3.6/B-MCR.SIR	Communities on soft moderately exposed circalittoral rock		
A3.6/B-CR.FaV	Faunal turfs on vertical circalittoral rock		
A3.6/M-IV.3.1.(p)	Coralligenous communities moderately exposed to hydrodynamic action		
A3.7	Circalittoral rock sheltered from wave action and currents including tidal streams		
A3.7/B-SCR.BrAs	Brachiopods and solitary ascidian communities on sheltered circalittoral rock		
A3.7/B-SCR.Mod	Sheltered [Modiolus] beds		
A3.7/M-IV.3.1.(p)	Coralligenous communities sheltered from hydrodynamic action		
A3.8	Deep circalittoral rock habitats exposed to strong currents		
A3.8.1	Animal communities of deep circalittoral rock habitats exposed to strong currents		
A3.9	Deep circalittoral rock habitats exposed to moderately strong currents		
A3.9.1	Animal communities of deep circalittoral rock habitats exposed to moderately strong currents		
A3.A	Deep circalittoral rock habitats exposed to weak or no currents		
A3.A.1	Animal communities of deep circalittoral rock habitats exposed to weak or no currents		
A3.B	Caves and overhangs below the infralittoral zone		
A3.B/B-CR.Cv	Communities of circalittoral caves and overhangs		
A3.B2	Caves in total darkness, including deep-sea caves		
A3.C	Vents and seeps in sublittoral rock		
A3.C/H-02.10.02	Bubbling reefs in the sublittoral euphotic zone		
A3.C/H-02.10.01	Bubbling reefs in the aphotic zone		
A3.C3	Freshwater seeps in sublittoral rock		
A3.C4	Oil seeps in sublittoral rock		
A3.C5	Vents in sublittoral rock		
A4	Sublittoral sediments		
A4.1	Sublittoral mobile cobbles, gravels and coarse sands		
A4.1/B-IGS.FaG	Animal communities in shallow-water gravels		
A4.1/B-IGS.FaS(p)	Animal communities in shallow-water coarse sands		
A4.13	Animal communities of circalittoral mobile cobbles, gravels and sands		
A4.14	Animals communities in deeper coarse sands		
A4.15	Animal communities in variable or reduced salinity gravels and coarse sands		
A4.2	Sublittoral sands and muddy sands		
A4.2/B-IGS.FaS(p)	Animal communities in fully marine shallow clean sands		
A4.2/M-III.2.1.	Communities of fine sands in very shallow waters		
A4.2/M-III.2.2.	Communities of well sorted fine sands		
A4.2/B-IGS.EsIGS	Animal communities in variable or reduced salinity shallow clean sands		

A4.2/B-IMS.FaMS	Animal communities in fully marine shallow-water muddy sands	A5.3/M-V.2.1.	Communities of bathyal detritic sands with [Grypheus vitreus]
A4.26	Animal communities in variable or reduced salinity muddy sands	A5.4	Deep-sea muddy sand substrates
A4.27	Animal communities of circalittoral muddy sands	A5.5	Deep-sea muds
A4.2/M-IV.2.1.	Communities of the muddy detritic bottom	A5.51	Abyssal hills
A4.3	Sublittoral muds	A5.5/M-V.1.1.	Communities of bathyal muds
A4.3/B-IMU.MarMu	Shallow fully marine mud communities	A5.5/M-VI.1.1.	Communities of abyssal muds
A4.3/M-III.2.3.	Communities of superficial muddy sands in sheltered waters	A5.6	Deep-sea bioherms
A4.3/M-IV.1.1.	Communities of coastal terrigenous muds	A5.61	Deep-sea bioherm dominated by scleractinian coral framework
A4.35	Periodically and permanently anoxic sublittoral muds	A5.62	Deep-sea bioherm dominated by Porifera
A4.36	Animal communities of circalittoral muds	A5.6/M-V.3.1.	Communities of deep-sea corals
A4.4	Sublittoral combination sediments	A5.7	Canyons, channels, slope failures and slumps on the continental slope
A4.4/B-IMX.KSwMx	Kelp and seaweeds on shallow-water mixed sediments	A5.71	Active downslope channels
A4.4/B-IMX.FaMX	Animal communities in shallow-water mixed sediments	A5.72	Inactive downslope channels
A4.44	Animal communities of circalittoral mixed sediments	A5.73	Alongslope channels
A4.4/M-IV.2.2.	Communities of the coastal detritic bottom	A5.74	Turbidites and fans
A4.5	Shallow sublittoral sediments dominated by angiosperms	A5.8	Deep-sea trenches
A4.51	[Halophila] beds	A5.9	Deep-sea reducing habitats
A4.5/P-11.36	[Halophila] beds	A5.91	Seeps in the deep-sea bed
A4.53	[Zostera] beds in infralittoral sediments	A5.92	Gas hydrates in deep-sea
A4.5/P-11.41	[Ruppia] and [Zammitella] communities	A5.93	Ceacean and other carcasses on the deep-sea bed
A4.55	Sublittoral macrophyte beds of coastal brackish waters	A5.A	Deep-sea bed influenced by hypoxic water column
A4.56	[Posidonia] beds	A6	Isolated 'oceanic' features: seamounts, ridges and the submerged flanks of oceanic islands
A4.6	Biogenic structures over sublittoral sediments	A6.1	Permanently submerged flanks of oceanic islands
A4.6/B-IGS.Mrl	Seaweeds and maerl on coarse shallow-water sediments	A6.2	Seamounts, knolls and banks
A4.6/B-IMX.MrlMX	Maerl beds on shallow-water muddy mixed sediments	A6.21	Summit communities of seamount, knoll or bank within euphotic zone
A4.6/B-IMX.Oy	Oyster beds	A6.22	Summit communities of seamount, knoll or bank within the mesopelagic zone, i.e. interacting with diurnally migrating plankton
A4.65	Structures formed by mussels over sublittoral sediment		Deep summit communities of seamount, knoll or bank (i.e. below mesopelagic zone)
A4.7	Maerl beds on deep-water muddy sediments	A6.23	
A4.71	Deep shelf sediment habitats		Flanks of seamount, knoll or bank
A4.72	Animal communities of deep circalittoral gravel bottoms	A6.24	Base of seamount, knoll or bank
A4.73	Animal communities of deep circalittoral sandy bottoms	A6.25	Oceanic ridges
A4.74	Animal communities of deep circalittoral shell gravel bottoms	A6.3	Communities of ridge flanks
A4.75	Animal communities of deep circalittoral muddy bottoms	A6.31	Communities of ridge axial trough (i.e. non-vent fauna)
A4.7/M-IV.2.3.	Communities of shelf-edge detritic bottom	A6.32	Communities of ridge axial trough (i.e. non-vent fauna)
A4.8	Seeps and vents in sublittoral sediments	A6.3/P-11.214	Oceanic ridge without hydrothermal effects
A4.81	Freshwater seeps in sublittoral sediments	A6.4	Isolated 'oceanic' features influenced by hypoxic water column
A4.82	Methane seeps in sublittoral sediments	A6.5	Vents in the deep sea
A4.83	Oil seeps in sublittoral sediments	A6.51	Active vent fields
A4.84	Vents in sublittoral sediments	A6.52	Inactive vent fields
A5	Deep-sea bed	A7	Pelagic water column
A5.1	Deep-sea rock and artificial hard substrates	A7.1	Neuston
A5.11	Deep-sea bedrock	A7.11	Temporary neuston layer
A5.12	Deep-sea artificial hard substrates	A7.12	Permanent neuston layer
A5.13	Deep-sea manganese nodules	A7.2	Completely mixed water column with reduced salinity
A5.14	Boulders on the deep-sea bed	A7.21	Completely mixed water column with reduced salinity and short residence time
A5.2	Deep-sea combination substrates	A7.22	Completely mixed water column with reduced salinity and medium residence time
A5.21	Deep-sea lag deposits	A7.23	Completely mixed water column with reduced salinity and long residence time
A5.22	Deep-sea biogenic gravels (shells, coral debris)	A7.3	Completely mixed water column with full salinity
A5.23	Deep-sea calcareous pavements	A7.31	Completely mixed water column with full salinity and short residence time
A5.24	Communities of allochthonous material	A7.32	Completely mixed water column with full salinity and medium residence time
A5.3	Deep-sea sand substrates	A7.33	Completely mixed water column with full salinity and long residence time

A7.4	Partially mixed water column with reduced salinity and medium or long residence time	A8.24	Bergy bit
A7.41	Partially mixed water column with reduced salinity and medium residence time	A8.25	Growler
A7.42	Partially mixed water column with reduced salinity and long residence time	A8.3	Brine channels
A7.5	Unstratified water column with reduced salinity	A8.31	Brine channels in first-year ice
A7.51	Euphotic (epipelagic) zone in unstratified reduced salinity water	A8.32	Brine channels in multi-year ice
A7.52	Mesopelagic zone in unstratified reduced salinity water	A8.4	Under-ice habitat
A7.53	Bathypelagic zone in unstratified reduced salinity water	A8.41	Under-ice habitat in first-year ice
A7.54	Abyssopeelagic zone in unstratified reduced salinity water	A8.42	Under-ice habitat in multi-year ice
A7.6	Vertically stratified water column with reduced salinity	X30	Benthio-pelagic habitats
A7.61	Water column with ephemeral thermal stratification and reduced salinity		
A7.62	Water column with seasonal thermal stratification and reduced salinity		
A7.63	Water column with permanent thermal stratification and reduced salinity		
A7.64	Water column with ephemeral halocline and reduced salinity		
A7.65	Water column with seasonal halocline and reduced salinity		
A7.66	Water column with permanent halocline and reduced salinity		
A7.67	Water column with ephemeral oxygen stratification and reduced salinity		
A7.68	Water column with seasonal oxygen stratification and reduced salinity		
A7.69	Water column with permanent oxygen stratification and reduced salinity		
A7.7	Fronts in reduced salinity water column		
A7.71	Ephemeral fronts in reduced salinity water column		
A7.72	Seasonal fronts in reduced salinity water column		
A7.73	Persistent fronts in reduced salinity water column		
A7.8	Unstratified water column with full salinity		
A7.81	Euphotic (epipelagic) zone in unstratified full salinity water		
A7.82	Mesopelagic zone in unstratified full salinity water		
A7.83	Bathypelagic zone in unstratified full salinity water		
A7.84	Abyssopeelagic zone in unstratified full salinity water		
A7.9	Vertically stratified water column with full salinity		
A7.91	Water column with ephemeral thermal stratification and full salinity		
A7.92	Water column with seasonal thermal stratification and full salinity		
A7.93	Water column with permanent thermal stratification and full salinity		
A7.94	Water column with ephemeral halocline and full salinity		
A7.95	Water column with seasonal halocline and full salinity		
A7.96	Water column with permanent halocline and full salinity		
A7.97	Water column with ephemeral oxygen stratification and full salinity		
A7.98	Water column with seasonal oxygen stratification and full salinity		
A7.99	Water column with permanent oxygen stratification and full salinity		
A7.A	Fronts in full salinity water column		
A7.A1	Ephemeral fronts in full salinity water column		
A7.A2	Seasonal fronts in full salinity water column		
A7.A3	Persistent fronts in full salinity water column		
A8	Ice-associated marine habitats		
A8.1	Sea ice		
A8.1/P-11.52	Seasonal pack-ice		
A8.1/P-11.51	Permanent pack-ice		
A8.1/P-11.53	Ice floes		
A8.2	Freshwater ice		
A8.21	Large tabular iceberg		
A8.22	Medium iceberg		
A8.23	Small iceberg		