

Annex 1. Revised EUNIS heathland, scrub and tundra classification

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EVS proposals and products																
B Coastal habitats	B1 Coastal dunes and sandy shores	B1.5 Coastal dune heaths	Should be divided into two types, according to dominant species		X	X										
				B1.5a Atlantic and Baltic coastal <i>Empetrum</i> heath				XX	X	X	B1.5a Atlantic and Baltic coastal <i>Empetrum</i> heath	Vulnerable	Vulnerable			
				B1.5b Atlantic coastal <i>Calluna</i> and <i>Ulex</i> heath				XX	X	X	B1.5b Atlantic coastal <i>Calluna</i> and <i>Ulex</i> heath	Least Concern	Least Concern			
		B1.6 Coastal dune scrub	Should be split into two types on the basis of geographical variation		X	X										
				B1.6a Atlantic and Baltic coastal dune scrub				XX	X	X	B1.6a Atlantic and Baltic coastal dune scrub	Least Concern	Least Concern			
				B1.6b Mediterranean and Black Sea coastal dune scrub				X	X	X	B1.6b Mediterranean and Black Sea coastal dune scrub	Vulnerable	Vulnerable			
				B1.6c Macaronesian coastal dune scrub						X	B1.6c Macaronesian coastal dune scrub	Endangered	Endangered			
	B2 Coastal shingle	B2.5 Shingle and gravel beaches with scrub	Should be merged with other habitat types on shingle and gravel beaches		X	X		XX								
F Heathland, scrub and tundra	F1 Tundra	F1.1 Shrub tundra		F1.1 Shrub tundra	X	X	X	XX	X	X	F1.1 Shrub tundra	-	Least Concern	F1.1	F1.1	S1-1 Shrub tundra
		F1.2 Moss and lichen tundra		F1.2 Moss and lichen tundra	X	X	X		X	X	F1.2 Moss and lichen tundra	-	Least Concern	F1.2	F1.2	S1-2 Moss and lichen tundra
	F2 Arctic, alpine and subalpine scrub	F2.1 Subarctic and alpine dwarf willow scrub		F2.1 Subarctic and alpine dwarf <i>Salix</i> scrub	X	X	X	XX	X	X	F2.1 Subarctic and alpine dwarf <i>Salix</i> scrub	Near Threatened	Least Concern	F2.1	F2.1	S2-1 Subarctic and alpine dwarf <i>Salix</i> scrub
		F2.2 Evergreen alpine and subalpine heath and scrub	Should be split into three types on the basis of dominant growth form		X	X										
				F2.2a Alpine and subalpine ericoid heath			X	XX	X	X	F2.2a Alpine and subalpine ericoid heath	Least concern	Least concern	F2.2	F2.2a	S2-2 Alpine and subalpine ericoid heath

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				F2.2b Alpine and subalpine <i>Juniperus</i> scrub			X	XX	X	X	F2.2b Alpine and subalpine <i>Juniperus</i> scrub	Least concern	Least concern	F2.2	F2.2b	S2-3 Alpine and subalpine <i>Juniperus</i> scrub
				F2.2c Balkan subalpine genistoid scrub			X	X	X	X	F2.2c Balkan subalpine genistoid scrub	Least Concern	Least Concern	F2.2	F2.2c	S2-4 Balkan subalpine genistoid scrub
		F2.3 Subalpine deciduous scrub		F2.3 Subalpine deciduous scrub	X	X	X	XX	X	X	F2.3 Subalpine deciduous scrub	Least Concern	Least Concern	F2.3	F2.3	S2-5 Subalpine deciduous scrub
		F2.4 Conifer scrub close to the tree limit		F2.4 Subalpine <i>Pinus mugo</i> scrub	X	X	X	XX	X	X	F2.4 Subalpine <i>Pinus mugo</i> scrub	Least Concern	Least Concern	F2.4	F2.4	S2-6 Subalpine <i>Pinus mugo</i> scrub
	F3 Temperate and mediterranean-montane scrub	F3.1 Temperate thickets and scrub	F3.1 and F3.2 should be merged and then split into six types on the basis of dominant growth form		X	X										
				F3.1a Lowland to montane temperate and submediterranean <i>Juniperus</i> scrub			X	XX	X	X	F3.1a Lowland to montane temperate and submediterranean <i>Juniperus</i> scrub	Least Concern	Least Concern	F3.1, F3.2	F3.1a	S3-1 Lowland to montane temperate and submediterranean <i>Juniperus</i> scrub
				F3.1b Temperate <i>Rubus</i> scrub			X	XX	X	X	F3.1b Temperate <i>Rubus</i> scrub	Data Deficient	Data Deficient	F3.1, F3.2	F3.1b	S3-2 Temperate <i>Rubus</i> scrub
				F3.1c Lowland to montane temperate and submediterranean genistoid scrub			X	XX	X	X	F3.1c Lowland to montane temperate and submediterranean genistoid scrub	Least Concern	Least Concern	F3.1, F3.2	F3.1c	S3-3 Lowland to montane temperate and submediterranean genistoid scrub
				F3.1d Balkan-Anatolian submontane genistoid scrub			X	X	X	X	F3.1d Balkan-Anatolian submontane genistoid scrub	Vulnerable	Vulnerable	F3.1, F3.2	F3.1d	S3-4 Balkan-Anatolian submontane genistoid scrub
				F3.1e Temperate and submediterranean thorn scrub			X	XX	X	X	F3.1e Temperate and submediterranean thorn scrub	Least Concern	Least Concern	F3.1, F3.2	F3.1e	S3-5 Temperate and submediterranean thorn scrub
				F3.1f Low steppic scrub			X	XX	X	X	F3.1f Low steppic scrub	Least Concern	Least Concern	F3.1, F3.2	F3.1f	S3-6 Low steppic scrub
				F3.1g <i>Corylus avellana</i> scrub			X	XX	X	X	F3.1g <i>Corylus avellana</i> scrub	Least Concern	Least Concern	F3.1, F3.2	F3.1g	S3-7 <i>Corylus avellana</i> scrub
				F3.1h Temperate forest clearing scrub			X	XX	X	X				F3.1, F3.2		S3-8 Temperate forest clearing scrub

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EVS proposals and products																
		F3.2 Submediterranean deciduous thickets and brushes	F3.1 and F3.2 should be merged and then split into six types on the basis of dominant growth form		X	X										
	F4 Temperate shrub heathland	F4.1 Wet heaths		F4.1 Wet heath	X	X	X	XX	X	X	F4.1 Wet heath	Vulnerable	Vulnerable	F4.1	F4.1	S4-1 Wet heath
		F4.2 Dry heaths		F4.2 Dry heath	X	X	X	XX	X	X	F4.2 Dry heath	Vulnerable	Vulnerable	F4.2	F4.2	S4-2 Dry heath
		F4.3 Macaronesian heaths		F4.3 Macaronesian heath	X	X	X			X	F4.3 Macaronesian heath	Least Concern	Least Concern	F4.3	F4.3	S4-3 Macaronesian heath
	F5 Maquis, arborescent matorral and thermo-Mediterranean heath	F5.1 Arborescent matorral	F5.1 and F5.2 should be merged into one type as these types are difficult to distinguish		X	X										
				F5.1 Mediterranean maquis and arborescent matorral			X	XX	X	X	F5.1 Mediterranean maquis and arborescent matorral	Least Concern	Least Concern	F5.1, F5.2	F5.1	S5-1 Mediterranean maquis and arborescent matorral
		F5.2 Maquis	F5.1 and F5.2 should be merged into one type as these types are difficult to distinguish		X	X										
		F5.3 Pseudomaquis		F5.3 Submediterranean pseudomaquis	X	X	X	XX	X	X	F5.3 Submediterranean pseudomaquis	Least Concern	Least Concern	F5.3	F5.3	S5-2 Submediterranean pseudomaquis
		F5.4 <i>Spartium junceum</i> fields		F5.4 <i>Spartium junceum</i> scrub	X	X	X	XX	X	X				F5.4		S5-3 <i>Spartium junceum</i> scrub
		F5.5 Thermo-Mediterranean scrub		F5.5 Thermo-Mediterranean scrub	X	X	X	XX	X	X	F5.5 Thermomediterranean scrub	Vulnerable	Vulnerable	F5.5	F5.5	S5-4 Thermo-Mediterranean arid scrub
	F6 Garrigue	F6.1 Western garrigues	Should be split into two types on the basis of soil characteristics		X	X										
				F6.1a Western basiphilous garrigue			X	XX	X	X	F6.1a Western basiphilous garrigue	Least Concern	Least Concern	F6.1, F6.6	F6.1a, F6.6	S6-1 Western basiphilous garrigue
				F6.1b Western acidophilous garrigue			X	XX	X	X	F6.1b Western acidophilous garrigue	Least Concern	Least Concern	F6.1, F6.6	F6.1b, F6.6	S6-2 Western acidic garrigue

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		F7.3 East Mediterranean phrygana		F7.3 Eastern Mediterranean spiny heath (Phrygana)	X	X	X	XX	X	X	F7.3 Eastern Mediterranean spiny heath (phrygana)	Least Concern	Least Concern	F7.3	F7.3	S7-2 Eastern Mediterranean spiny heath (Phrygana)
		F7.4 Hedgehog-heaths	Should be renamed and split into four types on the basis of geographical variation		X	X										
				F7.4a Western Mediterranean mountain hedgehog heath			X	XX	X	X	F7.4a Western Mediterranean mountain hedgehog-heath	Least Concern	Least Concern	F7.4	F7.4a	S7-3 Western Mediterranean mountain hedgehog heath
				F7.4b Central Mediterranean mountain hedgehog heath			X	XX	X	X	F7.4b Central Mediterranean mountain hedgehog-heath	Least Concern	Least Concern	F7.4	F7.4b	S7-4 Central Mediterranean mountain hedgehog heath
				F7.4c Eastern Mediterranean mountain hedgehog heath			X	XX	X	X	F7.4c Eastern Mediterranean mountain hedgehog-heath	Least Concern	Least Concern	F7.4	F7.4c	S7-5 Eastern Mediterranean mountain hedgehog heath
				F7.4d Canarian mountain hedgehog-heath			X			X	F7.4d Canarian mountain hedgehog-heath	Least Concern	Least Concern	F7.4	F7.4d	S7-6 Canarian mountain hedgehog-heath
	F8 Thermo-Atlantic xerophytic scrub	F8.1 Canary Island xerophytic scrub		F8.1 Canary Island xerophytic scrub	X	X	X			X	F8.1 Canarian xerophytic scrub	Vulnerable	Vulnerable	F8.1	F8.1	S8-1 Canary Island xerophytic scrub
		F8.2 Madeiran xerophytic scrub		F8.2 Madeiran xerophytic scrub	X	X	X			X	F8.2 Madeiran xerophytic scrub	Endangered	Endangered	F8.2	F8.2	S8-2 Madeiran xerophytic scrub
	F9 Riverine and fen scrubs	F9.1 Riverine scrub	Should be split into two units based on climatic differences		X	X										
				F9.1a Arctic, boreal and alpine riparian scrub			X	XX	X	X	F9.1 Temperate and boreal riparian scrub	Least Concern	Least Concern	F9.1	F9.1	S9-1 Arctic, boreal and alpine riparian scrub
				F9.1b Temperate riparian scrub			X	XX	X	X				F9.1	F9.1	S9-2 Temperate riparian scrub
		F9.2 <i>Salix</i> carr and fen scrub		F9.2 <i>Salix</i> fen scrub	X	X	X	XX	X	X	F9.2 <i>Salix</i> fen scrub	Near threatened	Near threatened	F9.2	F9.2	S9-3 <i>Salix</i> fen scrub
		F9.3 Southern riparian galleries and thickets		F9.3 Mediterranean riparian scrub	X	X	X	XX	X	X	F9.3 Mediterranean riparian scrub	Least Concern	Least Concern	F9.3	F9.3	S9-4 Mediterranean riparian scrub
	FA Hedgerows	FA.1 Hedgerows of non-native species	Not assessed	FA.1 Hedgerows of non-native species										FA.1		SA-1 Hedgerows of non-native species

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		FA.2 Highly-managed hedgerows of native species	Not assessed	FA.2 Highly-managed hedgerows of native species										FA.2		SA-2 Highly-managed hedgerows of native species
		FA.3 Species-rich hedgerows of native species	Not assessed	FA.3 Species-rich hedgerows of native species										FA.3		SA-3 Species-rich hedgerows of native species
		FA.4 Species-poor hedgerows of native species	Not assessed	FA.4 Species-poor hedgerows of native species										FA.4		SA-4 Species-poor hedgerows of native species
	FB Shrub plantations	FB.1 Shrub plantations for whole-plant harvesting	Not assessed	FB.1 Shrub plantations for whole-plant harvesting										FB.1		SB-1 Shrub plantations for whole-plant harvesting
		FB.2 Shrub plantations for leaf or branch harvest	Not assessed	FB.2 Shrub plantations for leaf or branch harvest										FB.2		SB-2 Shrub plantations for leaf or branch harvest
		FB.3 Shrub plantations for ornamental purposes or for fruit, other than vineyards	Not assessed	FB.3 Shrub plantations for ornamental purposes or for fruit, other than vineyards										FB.3		SB-3 Shrub plantations for ornamental purposes or for fruit, other than vineyards
		FB.4 Vineyards	Not assessed	FB.4 Vineyards										FB.4		SB-4 Vineyards