



Amphibian and Reptile Conservation

RESEARCH REPORT 18/01

Jersey multi-species distribution, habitat suitability & connectivity modelling

Appendix A

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**amphibian and reptile
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Appendix A - Landcover definitions from previous reports

Table A1 Summary of broad terrestrial habitat types in Jersey (modified from Table 3.1 in Biodiversity Strategy (Planning and Environment Committee 2000)). Key habitats are those for which action plans were proposed, and international obligations represents habitats requiring special attention under Annex 1 of the EC habitats directive.

Broad habitats	Key habitats	International obligation
Mixed woodland	Mixed woodland	
Boundary features	Ancient and/or species rich hedgerows	
Arable		
Improved grassland		
Unimproved neutral grassland		
Acid grassland		
Calcareous grassland		
Wet meadows	Wet meadows	
Standing open water		
Maritime heath (EC habitats)	Maritime heath	Atlantic Erica-Ulex heaths
Maritime cliff and slope	Maritime cliff and slope	
Shingle above high tide mark	Coastal vegetated shingle structure	
Sand dune	Coastal sand dune (including fixed dunes with herbaceous vegetation, dune heath, dune scrub and strandline vegetation)	(EC habitats)
Creeping willow mats		(EC habitats)

Table A2 Key habitat area (KHA) classes listed in the 'Protection of Ecologically Sensitive Areas Project (PESAP)' 2010 by Penny Anderson Associates.

KHA Number	Key Habitat Area Description
1	All grassland habitats
1a	Acid grassland with/without bracken, scrub, trees
1b	Marshy grassland with/without bracken, scrub, trees and other combinations
1c	Neutral grassland with/without bracken, scrub, trees and other combinations
1d	Coastal grasslands (including maritime cliff) with/without other coastal habitats
1e	Other grasslands (mostly not ground truthed)
2	Bracken with/without other habitats
3	Coastal heathland with/without other coastal habitats
4	Woodland
4a	Broad leaved plantation
4b	Broad leaved semi-natural woodland
4c	Conifer plantation
4d	Mixed conifer / broad leaved woodland
4e	Other woodland (not ground truthed)
5	Scrub
5a	Gorse dominated scrub
5b	Other scrub
6	Dune communities with/without bracken, & bare sand
7	Ruderal
8	Open water including swamp and marginal vegetation
9	Salt marsh
10	Strandline
11	Quarry
12	Amenity grassland
13	Arable
14	Bare ground

Table A3 Summary of UK habitat classification schemes and their relationship consisting of 10 aggregate classes defined in the Land Cover Map 2015 (LCM2015) (CEH 2017), 18 Broad Habitat types defined by the JNCC (Jackson 2000) and 21 target classes defined in the LCM2015 (modified from Table 1 in (CEH 2017)). Habitat classes in *italics* are Broad Habitats as defined by the JNCC (Jackson 2000).

LCM2015 aggregate class	Broad Habitat	LCM2015 target class
Broadleaf woodland	<i>Broadleaved, Mixed and Yew Woodland</i>	Broadleaved woodland
Coniferous woodland	<i>Coniferous Woodland</i>	<i>Coniferous Woodland</i>
Arable	<i>Arable and Horticulture</i>	<i>Arable and Horticulture</i>
Improved grassland	<i>Improved Grassland</i>	<i>Improved Grassland</i>
Semi-natural grassland	<i>Neutral Grassland</i>	<i>Neutral Grassland</i>
	<i>Calcareous Grassland</i>	<i>Calcareous Grassland</i>
	<i>Acid Grassland</i>	Acid grassland
	<i>Fen, Marsh and Swamp</i>	<i>Fen, Marsh and Swamp</i>
Mountain, heath, bog	<i>Dwarf Shrub Heath</i>	Heather
		Heather grassland
	<i>Bog</i>	<i>Bog</i>
	<i>Inland Rock</i>	<i>Inland Rock</i>
Saltwater	Saltwater	Saltwater
Freshwater	Freshwater	Freshwater
Coastal	<i>Supra-littoral Rock</i>	<i>Supra-littoral Rock</i>
	<i>Supra-littoral Sediment</i>	<i>Supra-littoral Sediment</i>
	<i>Littoral Rock</i>	<i>Littoral Rock</i>
	<i>Littoral Sediment</i>	Littoral sediment
		Saltmarsh
Built-up areas and gardens	<i>Built-up Areas and Gardens</i>	Urban
		Suburban

References

Centre for Ecology and Hydrology (CEH) (2017) Land Cover Map 2015 Dataset documentation. 1.2: 1–25.

Jackson, D.L. (2000) Guidance on the interpretation of the Biodiversity Broad Habitat Classification (terrestrial and freshwater types): Definitions and the relationship with other classifications, JNCC Report 307, 73 pages, ISSN 0963 8091 (available online at: <http://www.jncc.gov.uk/page-2433>).

Penny Anderson Associates (2010) Protection of Ecologically Sensitive Areas (PESAP) Project. Unpublished report to the States of Jersey Department of the Environment.

Planning and Environment Committee (2000) Biodiversity: a strategy for Jersey. (available online at: <https://www.gov.je/SiteCollectionDocuments/Environment%20and%20greener%20living/ID%20BiodiversityStrategyBooklet%20DM.pdf>).