

ANALYSIS OF THE COSTS AND BENEFITS OF ALTERNATIVE SOLUTIONS FOR RESTORING BIODIVERSITY
Defra Competition Code: WC0758/CR0444

Appendix 6 - Change in extent of priority habitats under alternative case study scenarios. LS is landscape scenario, BAU is business-as-usual, PP is pre-project (e.g. LS – BAU is area of habitat in landscape scenario minus area of habitat in business-as-usual scenario). Increase in habitat extent is shown in blue, decrease in red, and no change in black. The total area of BAP habitat excludes the area of neutral grassland and scrub.

Priority habitat	Change in area (ha) of priority habitats under alternative scenarios													
	Ennerdale			Frome			Great Fen	Heather and Hillforts			Knepp	Pumlumon		
	LS - BAU	LS - PP	BAU - PP	LS (30%) - PP	LS (60%) - PP	LS (30/60%) - PP	LS - PP	LS - BAU	LS - PP	BAU - PP	LS - PP	LS - BAU	LS - PP	BAU - PP
BAP habitat														
Aquifer Fed Naturally Fluctuating Water Bodies														
Blanket Bog	14	13	-1									1375	1105	-270
Coastal and Floodplain Grazing Marsh				0	0	0								
Coastal Saltmarsh				0	0	0								
Eutrophic Standing Waters							0				0			
Fens				0	0	0	479.5					-640	-640	0
Lowland Calcareous Grassland				3293	7144	7182	-10							
Lowland Dry Acid Grassland	-16	-18	-2	-63	-242	-240	-10					-900	-895	5
Lowland Heathland	54	37	-17	706	2684	2687						-44	-44	0
Lowland Meadows				478	986	435	2657				537			
Lowland Raised Bog							-3							
Mesotrophic Lakes	1	0	-1									5	5	0
Purple Moor Grass and Rush Pastures	0	-1	-1	1136	2329	2329	-20					-345	-345	0
Reedbeds				0	0	0	376							
Upland Heathland	156	117	-39					39	90	51		1434	1434	0
BAP Woodland (excluding scrub)	156	289	133	-75	154	-773	-437				110	4982	4982	0
BAP Woodland (including scrub)	156	289	133								263	7392	7392	0
Non-BAP habitat														
Neutral Grassland	1	6	5	0	0	0	176.5				-107	-34	-34	0
Total area of priority habitat:														
Excluding scrub	366	443	77	5475	13055	11620	3209	39	90	51	540	5833	5568	-265
Including scrub											693	8243	7978	-265
Total area of BAP habitat:	365	437	72	5475	13055	11620	3032	39	90	51	647	5867	5602	-265