BC UK CONSERVATION STRATEGY APPENDIX 3: CONSERVATION STATUS OF THREATENED UK BUTTERFLIES

Common Name	Scientific Name	Ecological classification	10km squares occupied (2010-2014)	1 km squares occupied (2010-2014)	Distribution trend (1976-2014) (bold = statistically significant)	Population trend (1976-2016) (* P<0.05; ** p<0.01; *** p<0.001)	GB Red List	Ireland Red List	W & C Act Schedule 5	UK BAP	England NERC s41	Env Act (Wales) s7	Scottish Biodiversity List	N Ireland Priority Species	EU Red List	EU Habitats Directive Annex	Cons. Habitats & Species Regs.	BC UK Threat Priority 1997	BC UK Threat Priority 2005	BC UK Threat Priority 2016	BC UK Conservation Priority 2016	BC Northern England RCS	BC West Midlands RCS	BC East Midlands RCS	BC East England RCS	BC South West England RCS	BC South East England RCS	BC Wales CS	BC Scotland CS	BC Northern Ireland CS
Chequered Skipper	*Carterocephalus palaemon*	HS	40	239	**-44**	-86***	EN		P	X			X					H	H	H	A				H				H	
Lulworth Skipper	*Thymelicus acteon*	HS	14	68	**-78**	-75***	NT		P	X	X				VU			M	H	H	A					H				
Wood White	*Leptidea sinapis*	HS	48	184	**-89**	-90***	EN	NT	P	X	X	X						M	H	H	A		H		H	H	H	M		
Pearl-bordered Fritillary	*Boloria euphrosyne*	HS	190	604	**-95**	-72***	EN	EN	P	X	X	X	X					H	H	H	A	H	H			H	H	H	H	
High Brown Fritillary	*Argynnis adippe*	HS	21	88	**-96**	-66*	CR		F	X	X	X						H	H	H	A	H	H			H		H		
Marsh Fritillary	*Euphydryas aurinia*	HS	246	954	**-79**	-25	VU	VU	F	X	X	X	X	X	VU	2		H	H	H	A	H				H	H	H	H	H
Heath Fritillary	*Melitaea athalia*	HS	13	65	**-68**	-91***	EN		F	X	X							H	H	H	A				H	H	H			
Duke of Burgundy	*Hamearis lucina*	HS	84	334	**-84**	-40*	EN		P	X	X							M	H	H	A	H		H	H	H	H			
Large Blue	*Maculinea arion*	HS	6	28		1472***	CR		F	X	X				EN	4	2	H	H	H	A					H				
Dingy Skipper	*Erynnis tages*	HS	643	3052	**-61**	-13	VU	NT		X	X	X	X	X				L	H	H	B	H	H	H	H	M	M	M	M	H
Grizzled Skipper	*Pyrgus malvae*	HS	340	1441	**-53**	-43**	VU			X	X	X						M	H	H	B		H	H	H	M	M	H		
Large Heath	*Coenonympha tullia*	HS	338	810	**-58**	177**	VU	VU	P	X	X	X		X	VU			M	H	H	B	H	H	H				H	M	H
Grayling	*Hipparchia semele*	HS	542	2007	**-62**	-66***	VU			X	X	X		X				L	H	H	B	H	H	H	M	H	H	M	M	M
Small Pearl-bordered Fritillary	*Boloria selene*	HS	769	2502	**-76**	-63***	NT			X	X	X						M	H	H	B	H	H			H	H	M	M	
Glanville Fritillary	*Melitaea cinxia*	HS	17	81	**-66**	-31	EN		P	X	X							M	H	H	B						H			
Silver-studded Blue	*Plebejus argus*	HS	105	590	**-64**	12	VU		P	X	X	X						M	H	H	B		H		H	H	H	M		
Northern Brown Argus	*Aricia artaxerxes*	HS	122	352	**-27**	-53*	VU		P	X	X		X					H	H	H	B	H							H	
Swallowtail	*Papilio machaon*	HS	6	78	**-56**	45	NT		F									M	M	H	C				H					
Cryptic Wood White	*Leptidea juvernica*	WCS	35	86										X						M	C									H
Mountain Ringlet	*Erebia epiphron*	HS	39	231	**-63**		NT		P	X	X							M	H	H	C	H							M	
White Admiral	*Limenitis camilla*	HS	427	1958	**-25**	-65***	VU			X	X	X						L	H	H	C		M	M	M	H	M			
Brown Hairstreak	*Thecla betulae*	HS	155	1297	**-49**	10	VU		P	X	X	X						M	H	M	C	M	H	H	M	H	M	H		
White-letter Hairstreak	*Satyrium w-album*	WCS	641	1642	**-45**	-97***	EN		P	X	X	X						M	H	H	C	M	H	H	M	M	M	M		
Black Hairstreak	*Satyrium pruni*	HS	25	93	**-61**	-30	EN		P									M	H	H	C			H	H		M			
Small Blue	*Cupido minimus*	HS	279	1116	**-44**	4	NT	EN	P	X	X	X	X	X				M	H	M	C	H	H	M	H	M	M	M	H	H
Chalk Hill Blue	*Polyommatus coridon*	HS	249	1122	**-50**	8	NT		P									L	M	H	C				M	M	M			
Essex Skipper	*Thymelicus lineola*	WCS	725	4228	**104**	-88***												L	L	H	R						M			
Small Skipper	*Thymelicus sylvestris*	WCS	1483	13062	**-7**	-75***												L	L	H	R									
Wall	*Lasiommata megera*	WCS	1089	6024	**-77**	-89***	NT	EN		X	X	X		X				L	H	H	R	M	H	M	H	M	M			M
Small Heath	*Coenonympha pamphilus*	WCS	2102	12556	**-57**	-58***	NT	NT		X	X	X		X				L	H	H	R		M	M						M
Gatekeeper	*Pyronia tithonus*	WCS	1458	29070	**15**	-44**												L	L	M	R									
Small Tortoiseshell	*Aglais urticae*	WCS	2607	41119	**-15**	-75***												L	L	H	R									
Small Copper	*Lycaena phlaeas*	WCS	2081	16321	**-16**	-47**												L	L	M	R									
Purple Hairstreak	*Favonius quercus*	WCS	934	3819	**-30**	-56*												L	L	H	R									M

Ecological classification: HS = Habitat Specialist; WCS = Wider Countryside Species.
Distribution and population trends: Red = meets criteria for High Priority status; Yellow = meets criteria for Medium Priority status. Note for some species timeline for calculating population trend is shorter than maximum 1976-2016.
GB, Irish and EU Red List status: CR = Critically Endangered; EN = Endangered; VU = Vulnerable; NT = Near Threatened.
Wildlife and Countryside Act (1981) status: F = full protection; P = partial protection (sale only).
UK BAP and national legislative conservation status: X = listed; E? = probably extinct.
BC UK Threat Priority: H = High Priority; M = Medium Priority; L = Low Priority.
BC UK Conservation Priority: A = Action urgent across UK range; B = Action necessary in parts of UK range; C = Action necessary in parts of UK range but less urgent; R = Research.
BC Country or Regional Priority: H = High Priority; M = Medium Priority.