

BC UK CONSERVATION STRATEGY APPENDIX 8: SPECIES RECOVERY CURVE STAGE STATUS & FUTURE CONSERVATION ACTIONS FOR THREATENED UK MOTHS

Common Name	Scientific Name	ABH No.	B & F No.	BC Threat Priority 2016	BC Conservation Priority 2016	Species Recovery Curve Stage 2016	Survey (Stage 1 Status Assessment)	Monitoring (Stage 1 Status Assessment)	Research (Stages 2 & 3 Diagnosis, Solution Testing)	Bespoke Management (Stages 4 & 5 Recovery & Sustainable Management)	Mosaic Management (Stages 4 & 5 Recovery & Sustainable Management)	BC Country Conservation Priorities
	<i>Stigmella zelleriella</i>	4.037	71	H	A	2	X	X			X	
	<i>Agonopterix atomella</i>	32.012	703	H	A	3	X	X		X		
	<i>Syncopacma albipalpella</i>	35.007	848	H	A	1	X	X		X		Possibly extinct
Large Gold Case-bearer	<i>Coleophora vibicella</i>	37.059	538	H	A	3		X	X	X	X	
Basil Thyme Case-bearer	<i>Coleophora tricolor</i>	37.062	529	H	A	4	X	X		X		
Betony Case-bearer	<i>Coleophora wockeella</i>	37.109	527	H	A	4		X		X		
	<i>Scythris siccella</i>	43.010	916	H	A	3				X	X	
Fiery Clearwing	<i>Pyropteron chrysidiformis</i>	52.015	384	H	A	3/4	X	X		X	X	
Slender Scotch Burnet	<i>Zygaena loti</i> ssp. <i>scotica</i>	54.005	167	H	A	4				X		
New Forest Burnet	<i>Zygaena viciae</i> ssp. <i>ytensis</i>	54.007	168	H	A	4				X		
Scarce Crimson & Gold	<i>Pyrausta sanguinalis</i>	63.004	1364	H	A	2	X	X				
Kentish Glory	<i>Endromis versicolora</i>	67.001	1644	H	A	2	X	X	X		X	
Bright Wave	<i>Idaea ochrata</i>	70.003	1696	H	A	4				X	X	
Silky Wave	<i>Idaea dilutaria</i>	70.005	1704	H	A	4		X	X	X	X	
Dingy Mocha	<i>Cyclophora pendularia</i>	70.030	1675	H	A	3/4	X	X		X	X	
Netted Carpet	<i>Eustroma reticulata</i>	70.088	1772	H	A	4	X			X		
Barberry Carpet	<i>Pareulype berberata</i>	70.124	1785	H	A	4	X	X		X		
Scarce Pug	<i>Eupithecia extensaria</i> ssp. <i>occidua</i>	70.178	1847	H	A	2	X	X	X		X	
Dark Bordered Beauty	<i>Epione vespertaria</i>	70.228	1908	H	A	4	X	X	X	X		
Belted Beauty	<i>Lycia zonaria</i> ssp. <i>britannica</i>	70.250	1928	H	A	4				X	X	E only; probably extinct in W
Black-veined Moth	<i>Siona lineata</i>	70.291	1966	H	A	4			X	X		
Straw Belle	<i>Aspitates gilvaria</i>	70.293	1967	H	A	3	X	X		X		
Sussex Emerald	<i>Thalera fimbrialis</i>	70.304	1672	H	A	4			X	X		
Shoulder-striped Clover	<i>Heliothis maritima</i> ssp. <i>warneckeii</i>	73.073	2402	H	A	3	X	X	X	X		
Reddish Buff	<i>Acosmetia caliginosa</i>	73.078	2393	H	A	4		X		X		
Marsh Moth	<i>Athetis pallustris</i>	73.103	2392	H	A	3				X		
Marsh Mallow Moth	<i>Hydraecia osseola</i> ssp. <i>hucherardi</i>	73.125	2363	H	A	4				X		
Small Dark Yellow Underwing	<i>Coranarta cordigera</i>	73.258	2143	H	A	3	X	X	X	X		
Curran Shoot Borer	<i>Lampronia capitella</i>	9.001	133	H	B	1	X	X			X	
Richardson's Case-bearer	<i>Eudarcia richardsoni</i>	12.003	202	H	B	4				X	X	
	<i>Archinemapogon yildizae</i>	12.013	222	H	B	2	X	X				
	<i>Phyllonorycter scabiosella</i>	15.077	355	H	B	2	X	X			X	
	<i>Phyllonorycter sagitella</i>	15.088	366	H	B	2	X	X			X	
	<i>Swammerdamia passerella</i>	16.016	437a	H	B	2	X	X			X	
	<i>Levipalpus hepatoriella</i>	32.004	685	H	B	1	X	X				
Water-dock Case-bearer	<i>Coleophora hydrolapathella</i>	37.018	500	H	B	3	X	X		X		
Irish Plume	<i>Platyptilia tesseradactyla</i>	45.007	1499	H	B	1	X	X				NI only
	<i>Epermenia insecurella</i>	47.003	482	H	B	2	X	X			X	
	<i>Periclepsis cinctana</i>	49.007	1005	H	B	1	X	X				
	<i>Aethes rutilana</i>	49.119	940	H	B	1	X	X				
Mistletoe Marble	<i>Celypha woodiana</i>	49.165	1066	H	B	3	X	X		X		
Liquorice Piercer	<i>Grapholita pallifrontana</i>	49.348	1243	H	B	3	X	X		X		
Welsh Clearwing	<i>Synanthedon scoliaeformis</i>	52.005	376	H	B	3	X	X	X	X	X	
Forester	<i>Adscita statices</i>	54.002	163	H	B	2	X	X	X		X	
Transparent Burnet	<i>Zygaena purpuralis</i> ssp. <i>caledonensis</i>	54.004	172	H	B	2					X	S only
Scotch Burnet (Mountain Burnet)	<i>Zygaena exulans</i> ssp. <i>subochracea</i>	54.006	166	H	B	2			X	X		
Talisker Burnet	<i>Zygaena loniceriae</i> ssp. <i>jocelynae</i>	54.009	171	H	B	2				X		
	<i>Sciota hostilis</i>	62.016	1447	H	B	2	X	X			X	
	<i>Anania funebris</i>	63.024	1381	H	B	4	X	X		X	X	
Beautiful Pearl	<i>Agrotera nemoralis</i>	63.041	1410	H	B	3	X	X			X	
Scarce Hook-tip	<i>Sabra harpagula</i>	65.006	1650	H	B	3	X	X	X		X	
Small Eggar	<i>Eriogaster lanestris</i>	66.005	1633	H	B	3	X	X	X		X	NI only
Narrow-bordered Bee Hawk-moth	<i>Hemaris tityus</i>	69.008	1982	H	B	4	X	X		X	X	C in S & NI
Yellow-ringed Carpet	<i>Entephria flavicinctata</i>	70.071	1743	H	B	1	X	X				NI only
Drab Looper	<i>Minoa murinata</i>	70.117	1878	H	B	4	X	X		X	X	
Argent & Sable	<i>Rheumaptera hastata</i>	70.120	1787	H	B	3/4	X	X		X	X	A in E & W; C in S
Grey Carpet	<i>Lithostege griseata</i>	70.197	1871	H	B	4	X	X		X		
Barred Tooth-striped	<i>Trichopteryx polycommata</i>	70.201	1880	H	B	3	X	X	X		X	
Netted Mountain Moth	<i>Macaria carbonaria</i>	70.216	1895	H	B	2	X	X			X	
Sloe Carpet	<i>Aleucis distinctata</i>	70.281	1959	H	B	2	X	X	X		X	
Scarce Vapourer	<i>Orgyia recens</i>	72.018	2025	H	B	2	X	X	X		X	
Speckled Footman	<i>Coscinia cribraria</i>	72.032	2053	H	B	2	X	X			X	
Common Fan-foot	<i>Pechipogo strigilata</i>	72.056	2488	H	B	4	X	X			X	
Four-spotted	<i>Tyta luctuosa</i>	73.031	2465	H	B	2	X	X	X		X	
Striped Lychnis	<i>Shargacucullia lychnitis</i>	73.057	2219	H	B	4	X	X		X		
White-spotted Pinion	<i>Cosmia diffinis</i>	73.214	2317	H	B	4	X	X	X		X	
Grey	<i>Hadena caesia</i>	73.285	2174	H	B	1	X	X			X	S only
Lunar Yellow Underwing	<i>Noctua orbona</i>	73.344	2108	H	B	4	X	X		X	X	

**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 less urgent nationally but may be necessary at regional level; R = Research.  
**Species Recovery Curve Stages:** 1 Status assessment; 2 Diagnosis; 3 Solution testing; 4 Recovery management; 5 Sustainable management  
**Survey:** Improved surveying requiring to assess range and distribution trends.  
**Monitoring:** Improved monitoring required to assess population trends.  
**Research:** To improve autecological knowledge, identify causes of decline and assess potential habitat management solutions.  
**Bespoke management:** Habitat management tailored to meet specific ecological requirements of the target species.  
**Mosaic management:** Generic or best practice habitat management which integrates the ecological requirements of a suite of species.