TABLE 1: EAST MIDLANDS REGIONAL CONSERVATION STRATEGY PRIORITY BUTTERFLIES

Common Name Dingy Skipper Grizzled Skipper Grayling Duke of Burgundy	Scientific Name Erynnis tages Pyrgus malvae Hipparchia semele Hamearis lucina	エ H H Ecological classification	2 1 km squares occupied in East Midlands (2005-2014)	81.0 Segional occupancy (% occupied 90.2 Segional occupancy 10.0 81.0 Segional occupied 90.1 Mm squares 2005-14)	91 1990- 1 1 2014) (* P<0.05; ** p<0.01; ***	Kegional population trend (1990- 2016) (* P<0.05; ** p<0.01; *** p<0.001)	Z C C C G Red List	W & C Act Schedule 5	X 2	X X X England NERC 841	EU Red List	EU Habitats Directive Annex	Cons. Habitats & Species Regs.	S	Д Т Т ВС UK Threat Priority 2005		B B B C UK Conservation Priority 2016	T Z T Z East Midlands RAP 2000	$ \mathbb{T} \left[\mathbb{T} \right] \mathbb{T} \left[\mathbb{E}$ East Midlands RCS Threat Priority 2016-25	East Midlands RCS Conservation Priority 2016-25
										_ :			_		_					
Large Heath	Coenonympha tullia	HS	4	0.03			VU	Р		X	VU			M	Н	Н	В	Н	Н	В
Brown Hairstreak	Thecla betulae	HS	28	0.21			VU	Р		X				М	Н	М	С	Н	Н	В
White-letter Hairstreak	Satyrium w-album	WCS	252	1.88	-62**		EN	Р	X X	X				M	Н	Н	С	M	Н	В
Black Hairstreak	Satyrium pruni	HS	7	0.05			EN	P						М	М	Н	С	Н	Н	В
Wall	Lasiommata megera	WCS	461	3.44	-92***	-94***	NT		X X	X				L	Н	Н	R		М	С
Small Heath	Coenonympha pamphilus	WCS	715	5.33	-63***	-61***	NT		X	X				L	Н	Н	R		M	С
Silver-washed Fritillary	Argynnis paphia	HS	80	0.60						Πľ				L	L	L		M	M	С
Dark Green Fritillary	Argynnis aglaja	HS	68	0.51										L	М	М		M	M	С
White Admiral	Limenitis camilla	HS	84	0.63	-17		VU		X	X				L	Н	Н	С	M	M	С
Green Hairstreak	Callophrys rubi	HS	100	0.75	43									L	М	М		M	M	С
Small Blue	Cupido minimus	HS					NT	Р	X	X				М	Н	М	С	Н	M	С
Chaguarad Skipper	Cortoracanhalus nalaaman	HS						Р	X X	$\overline{}$			$\overline{}$	ш	ш	ш	В	HER		
Chequered Skipper Wood White	Carterocephalus palaemon	HS	1	0.01			-	Р		X X	-			H M	H M	H	B A	Н		
	Leptidea sinapis	HS	1	0.01	-			Р	^ /	^	\vdash			IVI	IVI	П	A	- 17		
Purple Emperor Marsh Fritillary	Apatura iris	HS	3	0.01				F	X	X	VU	2	\dashv	Ш	U		Λ	HER		
	Eurodryas aurinia	HS	3	0.02	-			_		<u>^</u>	VU			H	Н		A B	EMR		
Small Pearl-bordered Fritillary	Boloria selene	WCS	624	4.60	283***			+	A	^	\vdash			M	H	H	В	EIVIK	L	
Brown Argus	Aricia agestis	WCS	621	4.63	283					IJ L				L	L	L			L	

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 1990-2016.

GB 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; R = Research.

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.

Regional Action Plan (RAP) Priority: H = High Priority; M = Medium Priority; HER = Extinct High Priority Species to the Region;

EMR = Extinct Medium Priority Species Restored to the Region.

Regional Conservation Strategy (RCS) Threat Priority: H = High Priority; M = Medium Priority; L = Low Priority.

Regional Conservation Strategy (RCS) Conservation Priority: A = Action urgent across all occupied landscapes/sites; B = Action necessary in some occupied

landscapes/sites; C = Action less urgent regionally but may be necessary in some landscapes/sites.

Explanation of proposed changes:

Dingy Skipper Loss of key brownfield sites to development and natural succession.

Chequered Skipper Reintroduction to Bardney Limewoods failed.

Wood White No longer present in the region. Introductions to Lincolnshire (Bardney Limewoods) and Derbyshire (Whitwell Wood) have failed to establish

breeding populations. No longer present in Leicestershire (Leire Cutting).

Wall Ongoing decline; restricted to <10 sites in East Midlands Branch; more or less restricted to coastal sites in Lincolnshire.

Grayling Restricted to Scunthorpe Warrens; conservation status uncertain.

Small Heath Ongoing decline; restricted distribution.

White-letter Hairstreak Ongoing decline due Dutch Elm Disease.

Black Hairstreak No change in priority; persists at Luffenham Golf Course; introduced to Bardney Limewoods.

Small Blue Extinct in the Peak District. Possible candidate for re/introduction.

Marsh Fritillary Introduced to Bardney Limewoods & Moor Farm and Kirkby Moor.

Small Pearl-bordered Fritillary No longer present in the region. Introductions to Lincolnshire (Bardney Limewoods) and Derbyshire

Dark Green Fritillary No change in priority. Recently re-colonised Robert's Field LWT reserve.

Purple Emperor Established in Nottinghamshire (Cotgrave Forest) but provenance unclear; recently established in several Lincolnshire woods.

Brown Argus Peak District race of regional interest.

TABLE 2: EAST MIDLANDS REGIONAL CONSERVATION STRATEGY PRIORITY MOTHS

Common Name			1			1					$\overline{}$				-			
South Moth	Common Name		АВН	В % П	& C Act Schedule	m	NERC	Directive	& Species	Threat Priority	Conservation Priority				Nottinghamshire 2016 Leicestershire 2016	dlands RCS 2016-25	<u>₹</u>	Comment
Water Clearwing Symantheticity accelerations Section Symantheticity Symanthetic		Gelechia hippohaella	35.104	_			Ш		Ш		Ш	Ш	Р	Ш		Н	Α	
Forester Adoctor statebase S4,000 163 S4,000 163 S4,000 S6,000 S6,	Goat Moth	Cossus cossus				Х	Х		Ш		С	М	Р	Ш	P E	Н	Α	
Symanoxyla canella 62.043 1464 143 144	Welsh Clearwing	Synanthedon scoliaeformis	52.005				Ш		\perp	Н	В	Ш			Р			Sherwood Forest only
Small Eggar	Forester	Adscita statices	54.002	163		Х	Х		Ш	Н	В	Ш	Р	Р	P P	Н	Α	
Broad-broferde Be Hawk-moth Hornaris fuciformis 68,009 1983 Chair Carpet Chair Carpet Scrotifetrey Publication 70,043 1787 X X X X X X X X X		Gymnancyla canella	62.043				Ш		Ш				Р			Н	Α	
Chask Carpet	Small Eggar	Eriogaster lanestris	66.005	1633			Ш					М	Р		Р	Н	Α	
Argent and Sable Rehumpsters hastats 70.120 1787 X	Broad-bordered Bee Hawk-moth	Hemaris fuciformis	69.009	1983									Р	P?	Р	Н	А	
Marsh Carpet Perizona sagitata 70.140 1810 Name Name <t< td=""><td>Chalk Carpet</td><td>Scotopteryx bipunctaria</td><td>70.043</td><td>1731</td><td></td><td>Х</td><td>Х</td><td></td><td></td><td>Н</td><td>С</td><td>Н</td><td></td><td>Р</td><td>E</td><td>Н</td><td>Α</td><td></td></t<>	Chalk Carpet	Scotopteryx bipunctaria	70.043	1731		Х	Х			Н	С	Н		Р	E	Н	Α	
Searce Vagourer	Argent and Sable	Rheumaptera hastata	70.120	1787		Х	Х			Н	Α			Р		Н	Α	
Searce Appourer	Marsh Carpet	Perizoma sagittata	70.140	1810								М			Р	Н	Α	
Four-spotted	Scarce Pug	Eupithecia extensaria ssp. occidua	70.178	1847		Х	Х			Н	Α	Н	Р	П		Н	Α	
Marsh Moth	Scarce Vapourer	Orgyia recens	72.018	2025		Х	Х			Н	В		Р		Р	Н	Α	
Lyme Grass	Four-spotted	Tyta luctuosa	73.031	2465		Х	Х			Н	В	Н	Р	П	Р	Н	Α	
White-spotted Pinion Cosmia diffinis 73.214 2317 X X X X X X X X X	Marsh Moth	Athetis pallustris	73.103	2392		Х	Х			Н	Α		Р	П		Н	Α	
Mile-spotted Pinion Cosmia diffinis 73.214 2317 X X X X X X X X X	Lyme Grass	Photedes elymi	73.138	2348			П					М	Р	П		Н	Α	
Nemophora fasciella	White-spotted Pinion		73.214			Х	Х			Н	В		Р			Н	Α	
Currant Shoot Borer Lampronia capitella 9,001 133 Image: Control of the control			1	·			\equiv					二			· ·			
Large Red-belted Clearwing Synanthedon culiciformis 52.007 381						-	Ш		-		_	\vdash		Ш				
Triangle		, ,					Ш	X	X	Н	В		РО	Ш				1995/98 records
Cistus Forester					-		Ш		\perp		\sqcup			Ш	Р	- 11	В	
Anania fumebris		<u> </u>	_	-			Ш		\sqcup		\sqcup		Р	Ш			В	
False Mocha	Cistus Forester			_			Ш		Ш		Ш	M		Р				
Barberry Carpet Pareulype berberata 70.124 1785							Ш		_		_		Р	Ш				· · · · · · · · · · · · · · · · · · ·
Dentated Pug				-			Ш		X	Н	С			Ш	Р			
Light Orange Underwing	Barberry Carpet	Pareulype berberata	_				Ш	X	Х	Н	Α	Ш	Е	Ш				Failed (Mid 2000s) introduction Ancaster Valley
Wormwood Cucullia absinthii 73.050 2211 Image: contract		·					Ш		Ш		Ш	М			РО			
Star-wort Cucillia asteris 73.055 2217	Light Orange Underwing		_				Ш		Ш		Ш	Ш	Р			Н		
Concolorous Chortedes extrema 73.149 2347	Wormwood		_	_			Ш				Ш		Р	Ш	P P	Н		
Portland Moth Actebia praecox 73.308 2099 Coast Dart Euxoa cursoria 73.311 2083 Coast Dart Euxoa cursoria 73.311 2083 Coast Dart Euxoa cursoria 70.164 1824 Rush Wainscot Archanara algae 73.152 2374 Coast Dart Coast Dart Euxoa cursoria 70.164 1824 Coast Dart Coast Dart Euxoa cursoria 70.164 1824 Coast Dart Coast Dart Euxoa cursoria 70.164 1824 Coast Dart Coast Dart Coast Dart Euxoa cursoria 70.164 1824 Coast Dart Coast Dart	Star-wort	Cucillia asteris					Ш				Ш		РО	Ш				
Coast Dart Euxoa cursoria 73.311 2083 Image: Coast Dark of the City of	Concolorous	Chortedes extrema	73.149	_		Х	Х		Ш	Н	С				-	Н		
Pauper Pug Eupithecia egenaria 70.164 1824 Rush Wainscot Archanara algae 73.152 2374 Square-spotted Clay Xestia rhomboidea 73.354 2131 Hornet Moth Sesia apiformis 52.002 370 Red-tipped Clearwing Synanthedon formicaeformis 52.008 380 Red-belted Clearwing Synanthedon myopaeformis 52.011 379 Yellow-legged Clearwing Synanthedon vespiformis 52.012 374	Portland Moth	Actebia praecox	73.308	2099			Ш		Ш		Ш		РО		РО	Н		
Rush Wainscot Archanara algae 73.152 2374 Square-spotted Clay Xestia rhomboidea 73.354 2131 Hornet Moth Sesia apiformis 52.002 370 Red-tipped Clearwing Synanthedon formicaeformis 52.008 380 Red-belted Clearwing Synanthedon myopaeformis 52.011 379 Yellow-legged Clearwing Synanthedon vespiformis 52.012 374	Coast Dart	Euxoa cursoria	73.311	2083					Ш		Ш	М	Р			Н	В	
Square-spotted Clay Xestia rhomboidea 73.354 2131 Image: Clay of the control of	Pauper Pug	Eupithecia egenaria	_														С	
Hornet Moth Sesia apiformis 52.002 370 M M D D D D D D D D D D D D D D D D D	Rush Wainscot	Archanara algae	73.152	2374													С	
Red-tipped Clearwing Synanthedon formicaeformis 52.008 380 Red-belted Clearwing Synanthedon myopaeformis 52.011 379 Yellow-legged Clearwing Synanthedon vespiformis 52.012 374	Square-spotted Clay	Xestia rhomboidea	73.354	2131								Н				M	С	
Red-belted Clearwing Synanthedon myopaeformis 52.011 379 Yellow-legged Clearwing Synanthedon vespiformis 52.012 374 M	Hornet Moth	Sesia apiformis	52.002	370												L		
Yellow-legged Clearwing Synanthedon vespiformis 52.012 374 M M L	Red-tipped Clearwing	Synanthedon formicaeformis	52.008	380								М				L		
Yellow-legged Clearwing Synanthedon vespiformis 52.012 374 M M L	Red-belted Clearwing	Synanthedon myopaeformis	52.011	379			П					М				L		
Currant Clearwing Synanthedon tipuliformis 52.013 373 M M L	Yellow-legged Clearwing		52.012	374			П		\Box			М				L		
	Currant Clearwing	Synanthedon tipuliformis	52.013	373			П					М		П		L		

Six-belted Clearwing	Bembecia ichneumoniformis	52.014	382							M			L
Purple-bordered Gold	Idaea muricata	70.002	1698							M			L
Dotted-border Wave	Idaea sylvestraria	70.010	1701							M			L
Rosy Wave	Scopula emutaria	70.028	1691							M			L
Oblique Striped	Phibalapteryx virgata	70.039	1718							M			L
Balsam Carpet	Xanthorhoe biriviata	70.050	1721							M			L
Devon Carpet	Lampropteryx otregiata	70.104	1751							M			L
Blomer's Rivulet	Discoloxia blomeri	70.116	1872							M			L
Pinion-spotted Pug	Eupithecia valerianata	70.174	1820							M			L
Bleached Pug	Eupithecia expallidata	70.180	1833							M			L
Valerian Pug	Eupithecia insigniata	70.181	1821							M			L
Campanula Pug	Eupithecia denotata spp. denotata	70.185	1836							M			L
Yarrow Pug	Eupithecia millefoliata	70.186	1841							M			L
Broom-tip	Chesias rufata	70.196	1865		Х					M			L
Light Orange Underwing	Archiearis notha	70.204	1662							M			L
Large Thorn	Ennomos autumnaria	70.232	1911							M			L
Great Oak Beauty	Boarmia roboraria	70.267	1943							M			L
Small Grass Emerald	Chlorissa viridata	70.306	1670							M			L
Small Chocolate-tip	Clostera pigra	71.028	2017							M			L
Water Ermine	Spilosoma urticae	72.021	2062							M			L
Dotted Fan-foot	Machrochilo cribrumalis	72.052	2493							M			L
Common Fan-foot	Pechipogo strigilata	72.056	2488	Х	Х	В	В	Н	В	M			L
Rosy Marbled	Elaphria venustula	73.091	2396							M			L
Webb's Wainscot	Archanara sparganii	73.134	2373				Ш		Ш	M			L
Mere Wainscot	Photedes fluxa	73.145	2349							M			L
Crescent Striped	Apamea oblonga	73.161	2325							M			L
Angle-striped Sallow	Enargia paleacea	73.211	2313							M			L
Silvery Arches	Polia hepatica	73.260	2149							М			L
White Colon	Sideridis albicolon	73.275	2152							М			L
Shore Wainscot	Mythimna litoralis	73.299	2201							М			L
Light Feathered Rustic	Agrotis cinerea	73.316	2084							М			L
Sand Dart	Agrotis ripae	73.323	2093							М			L
Cream-bordered Green Pea	Earias clorana	74.011	2418							M			L

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; R = Research.

BC Conservation Priority: A = Action urgent across UK range; B = Action less urgent across UK range, but may be required at the country/regional level;

C = Action less urgent, but may be required at the landscape/site level. Also includes species with poorly understood autecology.

Regional Action Plan (RAP) Priority: H = High Priority; M = Medium Priority.

County status notes: P = Present post-2000 (more widespread than a few sites); PO = No records post-2000 but may still be resident;

P? = Present post-2000 but breeding status doubtful; UNC = Uncommon; E = Extinct; NRR = No recent records post-2000; RR = Recent record; R = Record;

LR = Year last record; FR = Year first record; UC = status uncertain; V = Vagrant.

County data supplied by or extracted from: NMRS database (2014).

Regional Conservation Strategy (RCS) Threat Priority: H = High Priority; M = Medium Priority; L = Low Priority.

Regional Conservation Strategy (RCS) Conservation Priority: A = Action urgent across all occupied landscapes/sites; B = Action necessary in some

occupied landscapes/sites; C = Action less urgent regionally but may be necessary in some landscapes/sites.

FIGURE 1: EAST MIDLANDS REGIONAL CONSERVATION STRATEGY PRIORITY LANDSCAPES AND SITES MAP

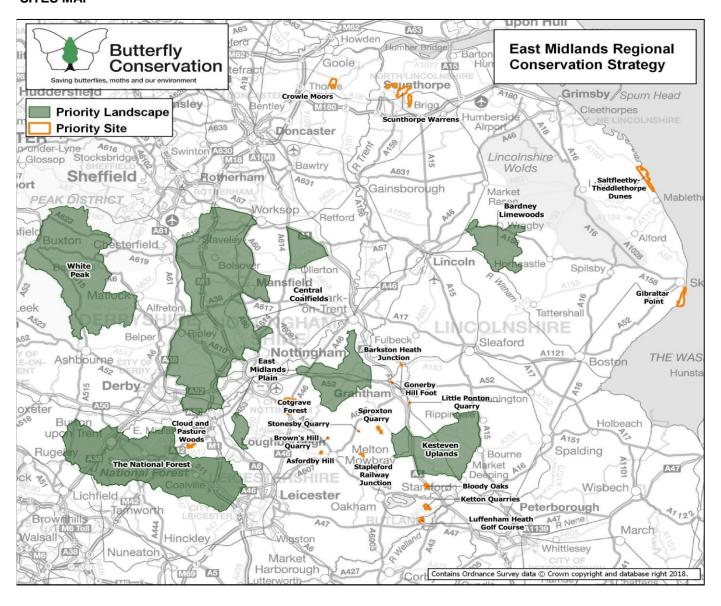


TABLE 3: EAST MIDLANDS REGIONAL CONSERVATION STRATEGY PRIORITY LANDSCAPES & OTHER PRIORITY SITES

Branch	Linc	cs		ЕМ	ids		Lincs East Mids														_			
High Priority Landscape												,3								J. W	lus			Т
Priorty Landscape	Χ	Х	Х	Х	Х	Х	ŀ																	╁
Landscape Number	43	44	45	46	47	48	ŀ	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	4
										Dunes												Course		
Landscape Name	Bardney Limewoods	Kesteven Uplands	White Peak	Central Coalfields	East Midlands Plain	The National Forest		Crowle Moor	Scunthorpe Warrens	Salffleetby-Theddlethorpe	Gibraltar Point	Little Ponton Quarry	Gonerby Hill Foot	Barkston Heath Junction	Cotgrave Forest	Cloud and Pasture Woods	Asfordby Hill	Brown's Hill Quarry	Stonesby Quarry	Sproxton Quarry	Stapleford Railway Junction	Luffenham Heath Golf (Ketton Quarries	Bloody Oaks
ligh Priority Butterflies (Conservation Priority A)																					_			
Dingy Skipper	R	Н	Н	Н	Н	Н							Н	Н			Н	Н	Н	Н	Е		Н	Н
Grizzled Skipper	Е	Н	Е	Е	Н	Е						Н	Н	Н			Н	Е			Η		Н	Н
Grayling							[Н															oxdot
Duke of Burgundy		Н																						
High Priority Butterflies (Conser	vatio	n Pri	ority	B)																				
Large Heath								Ι																
Brown Hairstreak	Н						lľ																	
White-letter Hairstreak	Н	Н	Н	Н		Н					Н				Н	Н						Е	Н	
Black Hairstreak	R						l															Н		П
Medium Priority Butterflies							l																	
Wall	Е	Е	М	Е	Е	М	lľ		М	М	М	Е	Г					М	Е	Е		Е	Е	г
Small Heath	Е	М	М	М	М	М	l		М	М	М	М	M	М			М	Е	М	М			М	
Silver-washed Fritillary	M	М				М	ŀ								M	М							М	M
Dark Green Fritillary		М	М				ŀ																М	M
White Admiral	M	М				М	ŀ																	Т
Green Hairstreak	1	М	М	М		М	ŀ			М	М	М		М			М	М		М			М	M
Small Blue		141	E	101		101	ŀ			141								101		101				
High Priority Moths (Conservation	on Dri	ority					l																	
Gelechia hippohaella	711 F11	l		11 <i>y)</i>	П		ŀ			Н	Н							Г	Г			Г	Г	
Goat Moth				-	-		ŀ				_													₩
							ŀ																	₩
Welsh Clearwing	-			_	_		ŀ																	₩
Forester	-						ŀ																	₩
Gymnancyla canella							l			Н	Н													⊢
Small Eggar																								╄
Broad-bordered Bee Hawk-moth	Н																							╙
Chalk Carpet	1		Н																					—
Argent and Sable	_																							igspace
Marsh Carpet																								L
Scarce Pug										Е	Н													L
Scarce Vapourer								Е																丄
Four-spotted	Н																						Н	
Marsh Moth										I	π													
Lyme Grass							[Н	Н													
White-spotted Pinion																								
Total High Priority Butterflies	4	4	2	3	2	2	· [1	1	0	1	1	2	2	1	1	2	1	1	1	1	1	3	2
Total Medium Priority Butterflies	2	5	4	2	1	5			2		3	2	1	2		1	2	2	1	_	0	0	4	3
		_	4	_	_	_		0		3					1					2				-
Total High Priority Moths (A only)	2	0	_	0	0	0		0	0	4	5	0	0	0	0	0	0	0	0	0	0	0	1	0
Total Priority Species	8	9	7	5	3	7		1	3	7	9	3	3	4	2	2	4	3	2	3	1	1	8	5

27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
Crowle Moor	Scunthorpe Warrens	Saltfleetby-Theddlethorpe Dunes	Gibraltar Point	Little Ponton Quarry	Gonerby Hill Foot	Barkston Heath Junction	Cotgrave Forest	Cloud and Pasture Woods	Asfordby Hill	Brown's Hill Quarry	Stonesby Quarry	Sproxton Quarry	Stapleford Railway Junction	Luffenham Heath Golf Course	Ketton Quarries	Bloody Oaks
Cro	Scui	Salt	Gibr	Litt	Gon	Bark	Cotç	Clot	Asfc	Bro.	Stor	Spro	Stap	Luff	Kett	Bloc
	J,	J,									J,	J,	J,			
					Н	Н			Н	Н	Н	Н	Е		Н	Н
				Н	Н	Н			Н	Е			Н		Н	Н
	Н															
Н																
			Н				Ι	Н						Е	Н	
														Н		
	N.4	N.4		_	ı			I	I	N.4	_	_		_	_	
	M M	M M	M M	E M	М	М			М	M E	E M	E M		E	E M	
	171	IVI	101	101	171	171	M	M	IVI	_	101	101			M	М
															М	М
		M	M	М		М			М	М		М			M	М
		Н	н					l	l							
		Н	Н													
		Е	Н													
Е																
		Н	Н												Н	
		п	Н													
_	4	^			^	^	_	4	_	4	4	4	4	4	^	
0	2	3	3	2	2	2	1	1	2	2	1	2	0	0	3	3
0	0	4	5	0	0	0	0	0	0	0	0	0	0	0	1	0
1	3	7	9	3	3	4	2	2	4	3	2	3	1	1	8	5

Key to species status

- E Extinct
- R Re/introduced
- Status uncertain

Key to conservation delivery progress

Unknown

No conservation delivery: e.g. occasional recording of target species; target species monitored on few sites.

Limited conservation delivery: e.g. co-ordinated surveys undertaken enabling distribution of target species across the landscape to be mapped; co-ordinated monitoring undertaken across several sites, enabling assessment of target species abundance trends; management advice provided on some sites; recovery management implemented on some sites (e.g. work parties).

Full conservation delivery: e.g. co-ordinated monitoring programme established on many sites enabling assessment of target species abundance trend and effectiveness of conservation action; management advice given to landowners across whole site networks; co-ordinated programme of recovery management implemented across whole site networks; long-term sustainable management (e.g. agri-environment schemes) implemented across sites.

TABLE 4: EAST MIDLANDS REGIONAL CONSERVATION STRATEGY PRIORITY ACTIONS

	East Midlands RCS Threat Priority 2016-25	East Midlands RCS Conservation Priority 2016-25	East Midlands Species Recovery Curve Stage 2016	Survey	Monitoring	Research Bespoke Management	Mosaic Management	Staff led	Input from staff	Volunteer led	Comment
High and Medium Priority Butterflie			2/4	т т		v T	I v I	1	Т	1	Trial areas and becomfolds
Dingy Skipper	Н	A	3/4			X	X	-	1	-	Trial management: brownfields
Grizzled Skipper	Н	Α	3/4	V	_	X	X	-			Trial management: brownfields; re-introduction planned for Ticknall Limeyards in National Forest
Grayling	Н	A	3	Х		X X	Х	-	-	-	Research autecology: climate change; trial management: heathland
Duke of Burgundy	Н	Α	4			X					
Large Heath	Н	В	4				X				
Brown Hairstreak	Н	В	4			X	Х				
White-letter Hairstreak	Н	В	3	Х	X .	X	Х				Data deficient
Black Hairstreak	Н	В	4	Х		Χ					Establish current status at Luffenham Golf Course
Wall	M	С	2		_	X	Х				Research causes of decline
Small Heath	M	С	2			X	X				Research causes of decline
Silver-washed Fritillary	M	С	5				Х				
Dark Green Fritillary	M	С	4		_	_	X				
White Admiral	M	С	2		_	X	X				Research autecology: climate change; Trial management: woodland
Green Hairstreak	M	С	2		_	X	Х				Research causes of decline
Small Blue	М	С	4	\perp		X	Х			Ш	Research: reintroduction feasibility in White Peak
High Priority Moths (Conservation	Priority A								_		
Gelechia hippohaella	Н	A	1	X		_	X	<u> </u>	-	V	Undertake surveys of coastal sites to determine status; liaise with site managers
Goat Moth	Н	Α	2	Х			X	_		V	Undertake surveys to determine status; liaise with site managers
Welsh Clearwing	Н	Α	3	X	X	Х	X	_	S	V	Undertake surveys & monitor known Sherwood Forest sites to determine status; liaise with site managers
Forester	Н	Α	2	X	Х		X	_		V	Undertake surveys & monitor known sites to determine status; liaise with site managers
Gymnancyla canella	Н	A	1	X			X	_		V	Undertake surveys of coastal sites to determine status; liaise with site managers
Small Eggar	Н	A	3	X		_	X	-	-	V	Undertake surveys to determine status; liaise with site managers
Broad-bordered Bee Hawk-moth	Н	A	1	X	_	+	X	-	-	V	Undertake surveys to determine status; liaise with site managers
Chalk Carpet	Н	A	2/4	^	-	V	X	\vdash	\vdash	V	Undertake surveys to determine status; liaise with site managers
Argent and Sable	Н	A	3/4	X	V	Х	X	\vdash	₩	V	Undertake surveys to determine status; liaise with site managers
Marsh Carpet	H	A	2	X	X	v	X	\vdash	\vdash	V	Undertake surveys & monitor known sites to determine status; liaise with site managers
Scarce Vanourer	Н	A	2	X	_	X	X	\vdash	0	V	Undertake surveys & monitor coastal sites to determine status; identify habitat preferences; liaise with site managers
Scarce Vapourer	Н	A	2	X	_	X	X	\vdash	S	V	Undertake surveys to determine status; research autecology; liaise with site managers Undertake surveys and monitor known sites to determine status; research autecology; liaise with site managers
Four-spotted Marsh Moth	Н	A	3	X	-	x x	^	\vdash	S	V	Undertake surveys and monitor known sites to determine status; research autecology; liaise with site managers
Lyme Grass	Н	A	1	X	Α .	X X	X	\vdash	3	V	Undertake surveys and monitor coastal sites to determine status, research autecology, liaise with site managers
White-spotted Pinion	Н	Δ	4	X	\dashv	+	X	\vdash	+-	V	Undertake surveys to determine status; liaise with site managers
Willie-Spotted Fillion										V	Ondertake Surveys to determine status, maise with site managers

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.