

OBJECTIVE	TARGET	PROGRESS	PLAN STATUS	
			2008-2010	2011-2016
A. To monitor and maintain up-to-date listings of sites.	ongoing	Partially achieved by local groups.	↑	↑
B. To maintain the size and range of known populations of rare bumblebees.	ongoing	Progress unknown due to lack of time for input by local entomologists.		
C. To increase population size and range in the sub-region.	2020	In progress through the new Natural England ‘Wild Pollinator and Farm Wildlife’ package and work by Butterfly Conservation Warwickshire with quarry owners.		
<b>Key to status: 2010:</b> ↑ Any improvement ↔ No change ↓ Decline <b>2016:</b> ↑ Good progress ↑ Some progress ↔ No change ↓ Decline				

PROPOSED ACTIONS	BY	REPORTED PROGRESS	NO.OF SITES/ ITEMS	TOTAL AREA/ LENGTH	% OF TARGET	ACTION STATUS ↑↑↔↓
<b>PL1. Designate all remaining rare bumblebee sites</b> , and any new sites, that qualify as LWSs at the earliest instance.	ongoing	<b>No progress.</b> <b>Local Wildlife Sites Project (LWSP):</b> no designations.			n/a	↔
<b>SM1. Prepare and implement management plans that increase the quality of at least 1 of the 7 existing sites</b> between Stretton-on-Fosse and Great Wolford by 2016, and a further 4 by 2020, to fulfil the habitat requirements of the rarer bumblebees.	2016-2020	<b>No progress</b> - lack of time for input by local entomologists.				↔
<b>SM2. Work with quarrying companies to improve the quality of habitat around existing colonies</b> of the rarer bumblebees as opportunities arise.	2015	<b>In progress.</b> <b>Butterfly Conservation Warwickshire (BCW)</b> has advised at 8 sites where species benefitting are <i>Bombus ruderatus</i> , <i>B. humilis</i> and <i>B. ruderarius</i> : <ul style="list-style-type: none"> <li>• Southam Quarry (Cemex) - 3 special bee banks created and poles erected with for nesting sites.</li> <li>• Berkswell Quarry</li> <li>• Tarmac Mancetter</li> <li>• Malpass &amp; Parkfield Road Rugby</li> <li>• Nelsons Quarry (Cemex)</li> <li>• Marsh Farm, Salford Priors</li> <li>• Cross Hands &amp; Grey Goose Quarry, Long Compton</li> <li>• Small quarry near Cranhill</li> </ul>	8			↑
<b>SM3. Double the number of sites for rare</b>	2017-	<b>No progress</b> - lack of time for input by local entomologists.				

<b>bumblebees</b> , using information gained by <b>RM3</b> , aiming at strategic locations to strengthen existing populations and extend the range, potentially in the south of the county around Stretton-on-Fosse.	2020					↔
<b>SM4. Actively target appropriate sites to include the habitat requirements of rare bumblebees</b> in the management agreements of agri-environment schemes. Encourage uptake of 'Wild Pollinator and Farm Wildlife' package.	ongoing	<b>In progress.</b> <b>Natural England (NE):</b> uptake of options in the new 'Wild Pollinator and Farm Wildlife' package: <ul style="list-style-type: none"> <li>• ELS, HLS and organic HLS options for rare bumblebees which need a spread of good habitat (589ha) are: <ul style="list-style-type: none"> <li>▪ nectar flower mix (over 90% of uptake)</li> <li>▪ un-harvested fertiliser-free conservation headland</li> </ul> </li> <li>• grassland options which support bumblebees (1356ha) are: <ul style="list-style-type: none"> <li>▪ un-cropped, cultivated margins and cultivated fallow plots or margins for rare arable plants.</li> <li>▪ maintenance, restoration and creation of species-rich semi-natural grassland and floristically enhanced grass margin.</li> </ul> </li> </ul>		<b>1945ha</b>		↑
<b>RM1. Maintain an up-to-date listing of rare bumblebee sites</b> and monitor losses and gains.	ongoing	<b>In progress but sporadic.</b> <b>2011:</b> <i>B. ruderatus</i> recorded twice in suburban Warwick. <b>2016:</b> <i>B. ruderatus</i> recorded near Broom, west of Stratford on Avon (S. Falk) and at Sun Rising Natural Burial Ground, Tysoe.	<b>4 new sites min.</b>			↔
<b>RM2. Monitor the effectiveness and success of habitat management</b> , enhancements and creation undertaken at key sites, and write up case studies.	2016	<b>No progress:</b> lack of time for input by local entomologists.				↔
<b>RM3. Identify more potential sites for rare bumblebees</b> , targeting areas near to existing colonies e.g. in the Great Wolford to Stretton-on-Fosse area.	2016	<b>No progress:</b> lack of time for input by local entomologists.				↔