

OBJECTIVE	TARGET	PROGRESS	PLAN STATUS	
			2008-2010	2011-2018
A. To monitor and maintain the size and range of the Warwickshire population of bloody-nosed beetle.	ongoing	Up to 2017 there was no systematic surveying, only occasional recording at some sites. However, the collation of all records for reporting purposes has sparked off an enthusiasm among local entomologists to resume the monitoring of both natural and introduced populations. Some records for 2018 have already been received.  Habitat management by scrub clearance is being carried out at some existing and introduction sites by Sustrans, the Greenway Group and Butterfly Conservation Warwickshire (BCW).	↓	↑
B. To increase population size and range by looking at the potential of other sites in the county to support this species.	2020	Sustrans have spread seed from <i>Galium</i> spp. to other locations on the Greenway.		
<p>Key to status: 2010: ↑ Any improvement ↔ No change ↓ Decline</p> <p>2018: ↑ Good progress ↑ Some progress ↔ No change ↓ Decline</p>				

PROPOSED ACTIONS	BY	REPORTED PROGRESS	NO.OF SITES/ ITEMS	ACTION STATUS
				↑ ↑ ↔ ↓
<b>PL1.</b> Actively encourage that <b>biodiversity policies</b> account for the needs of this species on the inhabited section of the disused railway west of Cawston Grange Farm and to protect the Coal Pit Lane site and other minor roads in the immediate area from localised development.	ongoing	No known progress.		↔
<b>PL2.</b> Submit <b>responses to any development proposals</b> that may affect known populations to ensure that its existing sites to the west of Rugby are secured through mitigation and compensation measures.	ongoing	<b>In progress.</b> <b>Warwickshire County Council (WCC):</b> in 2017, undertook a survey requested for a Rugby Borough Council (RBC) application for a proposed commercial warehousing site to the east of Cawston disused railway line. A population was discovered on site and the process of securing mitigation for the population as part of the planning application process (application has not been decided yet) has begun.	1 site	↑
<b>SM1. Manage sites of existing beetle populations</b> to meet the ecological needs of the species, including the planting of its food-plants ( <i>G.aparine</i> and <i>G. mollugo</i> ) and relevant mowing regimes.	ongoing	<b>Some progress.</b> <b>Butterfly Conservation Warwickshire (BCW):</b> assisted with management for the beetle on the Cawston Greenway. <b>Sustrans:</b> in 2017, carried out scrub clearance at 3 locations on the Cawston Greenway. <b>Greenway Group:</b> in 2017, carried out management on the Draycote section of the Greenway. <b>RIMO growers, Thurleston:</b> protection of the beetles at their nursery.	6 sites	↑

<b>SM2.</b> Continue to manage appropriately the <b>areas at Ryton Wood Meadows</b> where an introduction took place in 2012, including further habitat enhancement and re-introduction as required.	ongoing	<b>In progress.</b> <b>BCW:</b> ongoing management of grassland at Ryton Wood Meadows, with bramble removal to improve the habitat in 2017.	<b>1 site</b>	↑
<b>SM3. Create the potential for other suitable sites</b> to support the species by phased introduction of its food-plants ( <i>G. aparine</i> and <i>G. mollugo</i> ) followed by <b>trial population introductions of the beetle</b> , e.g. at Kenilworth Common sidings (a designated LWS).	2018	<b>No known progress.</b> No releases took place in 2017 (Steve Wright)		↔
<b>SM4.</b> Take <b>opportunities to implement seeding and</b> management of the beetle's food-plants (( <i>G. aparine</i> and <i>G. mollugo</i> ) along recent and future development footprints in the Lawford Heath area.	ongoing	<b>Some progress.</b> <b>Sustrans:</b> in 2018, the planting of <i>Galium</i> spp. on the Greenway, 200m south of the A 4071 crossing.		↑
<b>RM1.</b> Continue to <b>monitor existing natural bloody-nosed beetle populations</b> (counting dead and live adults and larvae and mapping these observations). Record any changes in response to management practices at all locations.	2015 onwards	<b>Good progress.</b> <b>Sustrans:</b> <ul style="list-style-type: none"> <li>• in 2017, records from 2 locations on the Cawston part of the Greenway and 1 location on the Draycote part further south.</li> <li>• in 2018, surveyed a new site on the Greenway, 200m south of A 4071 crossing.</li> </ul> <b>Greenway Group:</b> in 2017, many beetles seen at 1 location on the Cawston part of the Greenway.  <b>Coalpit Lane/Ling Lane area:</b> in 2018, records at 2 locations (Phil Parr and Steve Wright)	<b>6 locations</b>	↑
<b>RM2.</b> Continue to <b>monitor introduced</b> populations.	2015 onwards	<b>Some progress.</b> <b>BCW:</b> in 2017, records from Ryton Wood Meadows. <b>Lane to Draycote:</b> records in 2018 (Phil Parr).	<b>2 populations</b>	↑
<b>RM3.</b> Continue to <b>monitor other sites in</b> the Lawford Heath area for additional satellite populations.	2015 onwards	<b>Some progress.</b> <b>Rugby Natural History Society:</b> in 2014, recorded the beetle at RIMO plant nursery in Thurlaston (Tony Pencycate); the owners say it appeared in 2013. <b>WCC:</b> in 2017, recorded the beetle during survey of a planning site next to RIMO.	<b>2 sites</b>	↑
<b>RM4.</b> Continue to <b>update the map</b> showing the location of all bloody-nosed beetle observations in the Lawford Heath area, indicating date periods and population size.	ongoing	<b>In progress.</b> <b>LBAP Coordinator</b> is updating the map produced by Richard Brown in 2015.		↑
<b>CP1. Maintain contact with all parties involved</b> in habitat management and research, including Butterfly Conservation Warwickshire members and WWT Rugby area group.	ongoing	<b>In progress.</b> <b>LBAP Coordinator</b> has collated information on current distribution from local entomologists.		↑
<b>CP2. Promote awareness</b> of the presence of the species within the local community along the Greenway.	2014 - 2018	<b>Achieved.</b> By <b>Sustrans</b> and the <b>Greenway Group</b> , through their habitat management work.		↑