## DOTTED BEE-FLY PROGRESS REPORT 2011-2017

| ODIECTIVE   | TARGET  | PROGRESS   | PLAN<br>STATUS |               |
|---|---------|--|----------------|---------------|
| OBJECTIVE   |         |  | 2008-<br>2010  | 2011-<br>2017 |
| A. To monitor and maintain up-to-<br>date listings of sites.  | ongoing | Achieved by the County Recorder on an <i>ad hoc</i> basis.   | •              | •             |
| B. To maintain the size and range of known populations of <i>B. discolor</i> .  | ongoing | Now fairly frequent in south Warwickshire and not at all endangered but a good flagship for the old quarries.  |                | •             |
| C. To increase the population size and range in the sub-region.   | 2020    | There is no need for further targeted management as the species is increasing naturally, due to the increase and spread of its two main mining bee hosts <i>Andrena cineraria</i> and A. <i>flavipes</i> . |                |               |
| Key to status: 2010: $\uparrow$ Any improvement $\leftrightarrow$ No change $\checkmark$ Decline2017: $\uparrow$ Good progress $\uparrow$ Some progress $\leftrightarrow$ No change |         |  |                |               |

| PROPOSED ACTIONS   | BY      | REPORTED PROGRESS   | NO.OF<br>SITES/<br>ITEMS | ACTION<br>STATUS<br>↑↑↔↓ |
|--|---------|---|--------------------------|--------------------------|
| <b>PL1.</b> Designate all remaining known <i>B.discolor</i> sites, and any new sites, that qualify as LWSs at the earliest instance.   | ongoing | In progress.  | 6 sites                  | 1                        |
| that quality as DWBs at the carnest instance.  |         | <b>LWS</b> are Ufton Fields, Harbury Spoilbank, Bishops Bowl Quarry, Bishops Hill, Gredenton Hill and Brailes Hill. |                          |                          |
| <b>SM1.</b> Prepare and implement management plans that increase the quality of at least 2 of the 11 grighter gives by 2016 and another 2 by 2020, to fulfill                | 2016-   | Targeted actions are no longer required.  |                          |                          |
| of at least 3 of the 11 existing sites by 2016 and another 3 by 2020, to fulfil the habitat requirements of <i>B.discolor</i> and its hosts.                                 | 2020    | The species has increased naturally, owing to the increase/ spread of its 2 main mining bee hosts.                  |                          |                          |
| <b>SM2.</b> Work with quarrying companies and other key landowners to produce new sites suitable for <i>B.discolor</i> , as opportunities arise.                             | 2015    | No longer required.   |                          |                          |
|  |         | Opportunities to expand its range include new quarry sites, such as Griffin Farm, Southam.                          |                          |                          |
| <b>SM3.</b> Using information gained by <b>RM3</b> , double the number of sites for <i>B. discolor</i> , aiming at strategic locations to strengthen existing populations in | 2020    | No longer required.   |                          |                          |
| the Harbury/Ufton and Brailes/Ratley areas and to extend the range,  |         | Scrub clearance of sites such as Harbury Spoilbank, Ufton Fields, Stockton Cutting and                              |                          |                          |
| potentially between these two existing foci.   |         | Nelsons (Stockton) Quarry through the SITA Trust 'Bringing Back the Blue' project 2008-                             |                          |                          |
|  |         | 2011 has helped to create new areas of suitable habitats for the bee-fly and its hosts.                             |                          |                          |
| <b>SM4.</b> Actively target appropriate sites to include the habitat requirements of <i>B. discolor</i> in the management agreements of agri-environment schemes.            | ongoing | No longer required.   |                          |                          |
| <b>RM1.</b> Maintain an up-to-date listing of <i>B. discolor</i> sites and monitor losses and gains.   | ongoing | Achieved by the County Recorder.  |                          | 1                        |
|  |         | Recorded at Avon Hill Quarry, Brailes Castle, Ratley Grange Quarry, the garden of Upton                             |                          |                          |
|  |         | House and a hillside near Avon Dassett. Now fairly frequent in south Warwickshire and                               |                          |                          |
|  |         | seen in an allotment at Kenilworth in 2017.   |                          |                          |
| <b>RM2.</b> Monitor the effectiveness and success of any habitat management, enhancement and creation undertaken at key sites, and write up case studies.                    | 2017    | No longer required.   |                          |                          |
| <b>RM3.</b> Identify more potential sites for <i>B.discolor</i> , targeting areas near to existing colonies.   | 2017    | No longer required.   |                          |                          |