

TABLE 1: SOUTH WEST ENGLAND REGIONAL CONSERVATION STRATEGY PRIORITY BUTTERFLIES

| Common Name                     | Scientific Name              | Ecological classification | 1 km squares occupied in SW England (2005-2014) | Regional occupancy (% occupied 1km squares 2005-14) | Regional distribution trend (1990-2014) (* P<0.05; ** p<0.01; *** p<0.001) | Regional population trend (1990-2016) (* P<0.05; ** p<0.01; *** p<0.001) | GB Red List | W & C Act Schedule 5 | UK BAP | England NERC s41 | EU Red List | EU Habitats Directive Annex | Cons. Habitats & Species Regs. | BC UK Threat Priority 1997 | BC UK Threat Priority 2005 | BC UK Threat Priority 2016 | BC UK Conservation Priority 2016 | South West England RAP 2001 | South Central England RAP 2001 | West Midlands RAP 2001 | South West England RCS Threat Priority 2016-25 | South West England RCS Conservation Priority 2016-25 |   |
|---------------------------------|------------------------------|---------------------------|---|---|--|--|-------------|----------------------|--------|------------------|-------------|-----------------------------|--------------------------------|----------------------------|----------------------------|----------------------------|----------------------------------|-----------------------------|--------------------------------|------------------------|--|--|---|
| Lulworth Skipper                | <i>Thymelicus acteon</i>     | HS                        | 89  | 0.37  | -75***   | -72**  | NT          | P                    | X      | X                |             |                             |                                | M                          | H                          | H                          | A                                |                             | H                              |                        | H  | A  |   |
| Wood White                      | <i>Leptidea sinapis</i>      | HS                        | 102   | 0.43  | -87***   |  | EN          | P                    | X      | X                |             |                             |                                | M                          | H                          | H                          | A                                |                             | H                              | H                      | H  | A  |   |
| Pearl-bordered Fritillary       | <i>Boloria euphrosyne</i>    | HS                        | 200   | 0.84  | -59***   | -16  | EN          | P                    | X      | X                |             |                             |                                | H                          | H                          | H                          | A                                |                             | H                              | H                      | H  | A  |   |
| High Brown Fritillary           | <i>Argynnis adippe</i>       | HS                        | 42  | 0.18  | -73***   | -89***   | CR          | F                    | X      | X                |             |                             |                                | H                          | H                          | H                          | A                                |                             | H                              | H                      | H  | A  |   |
| Marsh Fritillary                | <i>Euphydryas aurinia</i>    | HS                        | 573   | 2.40  | -49**  | -27  | VU          | F                    | X      | X                | VU          | 2                           |                                | H                          | H                          | H                          | A                                |                             | H                              | H                      | H  | A  |   |
| Heath Fritillary                | <i>Melitaea athalia</i>      | HS                        | 42  | 0.18  | -25  | -93***   | EN          | F                    | X      | X                |             |                             |                                | H                          | H                          | H                          | A                                |                             | H                              |                        |  | A  |   |
| Duke of Burgundy                | <i>Hamearis lucina</i>       | HS                        | 218   | 0.91  | -64***   | -87***   | EN          | P                    | X      | X                |             |                             |                                | M                          | H                          | H                          | A                                |                             | H                              | H                      | H  | A  |   |
| Large Blue                      | <i>Maculinea arion</i>       | HS                        |   |   |  | 1328***  | CR          | F                    | X      | X                | EN          | 4                           | 2                              | H                          | H                          | H                          | A                                |                             | H                              |                        | H  | A  |   |
| Grayling                        | <i>Hipparchia semele</i>     | HS                        | 580   | 2.43  | -67***   | -56***   | VU          |                      | X      | X                |             |                             |                                | L                          | H                          | H                          | B                                |                             | M                              | M                      | M  | H  | B |
| Small Pearl-bordered Fritillary | <i>Boloria selene</i>        | HS                        | 526   | 2.21  | -64***   | -38  | NT          |                      | X      | X                |             |                             |                                | M                          | H                          | H                          | B                                |                             | M                              | H                      | H  | H  | B |
| White Admiral                   | <i>Limenitis camilla</i>     | HS                        | 355   | 1.49  | -67***   | -57*   | VU          |                      | X      | X                |             |                             |                                | L                          | H                          | H                          | C                                |                             |                                | M                      | M  | H  | B |
| Brown Hairstreak                | <i>Thecla betulae</i>        | HS                        | 738   | 3.10  | -40*   | 17   | VU          | P                    | X      | X                |             |                             |                                | M                          | H                          | M                          | C                                |                             | H                              | H                      | H  | H  | B |
| Silver-studded Blue             | <i>Plebejus argus</i>        | HS                        | 290   | 1.22  | -57***   | -51*   | VU          | P                    | X      | X                |             |                             |                                | M                          | H                          | H                          | B                                |                             | H                              | H                      | H  | H  | B |
| Dingy Skipper                   | <i>Erynnis tages</i>         | HS                        | 1053  | 4.42  | -35***   | -9   | VU          |                      | X      | X                |             |                             |                                | L                          | H                          | H                          | B                                |                             | M                              | M                      | M  | M  | C |
| Grizzled Skipper                | <i>Pyrgus malvae</i>         | HS                        | 622   | 2.61  | -37**  | -42*   | VU          |                      | X      | X                |             |                             |                                | L                          | H                          | H                          | B                                |                             | M                              | H                      | H  | M  | C |
| Silver-spotted Skipper          | <i>Hesperia comma</i>        | HS                        | 17  | 0.07  |  | -76**  | NT          | P                    | X      |                  |             |                             |                                | L                          | M                          | L                          |                                  |                             |                                | H                      |  | M  | C |
| Wall                            | <i>Lasiommata megera</i>     | WCS                       | 2477  | 10.39   | -53***   | -50**  | NT          |                      | X      | X                |             |                             |                                | L                          | H                          | H                          | R                                |                             |                                | M                      | M  | M  | C |
| Dark Green Fritillary           | <i>Argynnis aglaja</i>       | HS                        | 915   | 3.84  | -56***   | 81   |             |                      |        |                  |             |                             |                                | L                          | M                          | M                          |                                  |                             |                                |                        | M  | M  | C |
| Purple Emperor                  | <i>Apatura iris</i>          | HS                        | 57  | 0.24  |  |  | NT          | P                    |        |                  |             |                             |                                | M                          | M                          | M                          |                                  |                             | H                              | H                      |  | M  | C |
| White-letter Hairstreak         | <i>Satyrium w-album</i>      | WCS                       | 217   | 0.91  | -75***   | -32  | EN          | P                    | X      | X                |             |                             |                                | M                          | H                          | H                          | C                                |                             | M                              | M                      | M  | M  | C |
| Small Blue                      | <i>Cupido minimus</i>        | HS                        | 570   | 2.39  | -23  | 33   | NT          | P                    | X      | X                |             |                             |                                | M                          | H                          | M                          | C                                |                             | M                              | H                      | H  | M  | C |
| Adonis Blue                     | <i>Polyommatus bellargus</i> | HS                        | 571   | 2.40  | 27   | 213**  | NT          | P                    |        |                  |             |                             |                                | M                          | M                          | L                          |                                  |                             | H                              | H                      |  | M  | C |
| Chalk Hill Blue                 | <i>Polyommatus coridon</i>   | HS                        | 466   | 1.96  | -63***   | -87***   | NT          | P                    |        |                  |             |                             |                                | L                          | M                          | H                          | C                                |                             | M                              | M                      | M  | M  | C |
| Marbled White                   | <i>Melanargia galathea</i>   | WCS                       | 3669  | 15.40   | -38***   | -20  |             |                      |        |                  |             |                             |                                | L                          | L                          | L                          |                                  |                             | M                              |                        |  | L  |   |
| Silver-washed Fritillary        | <i>Argynnis paphia</i>       | HS                        | 2213  | 9.29  | -35***   | 76*  |             |                      |        |                  |             |                             |                                | L                          | L                          | L                          |                                  |                             | M                              |                        | M  | L  |   |
| Glanville Fritillary            | <i>Melitaea cinxia</i>       | HS                        | 11  | 0.05  |  |  | EN          | P                    | X      | X                |             |                             |                                | M                          | H                          | H                          | B                                |                             | M                              | H                      |  | L  |   |
| Green Hairstreak                | <i>Callophrys rubi</i>       | HS                        | 1085  | 4.55  | -38***   | -51**  |             |                      |        |                  |             |                             |                                | L                          | L                          | L                          |                                  |                             |                                |                        | M  | 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.  
**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:**  
 Grayling Declining across all inland sites within region.  
 Small Pearl-bordered Fritillary Declining in parts of SW England range (e.g. Forest of Dean).  
 White Admiral Declining in parts of SW England range (e.g. Devon).  
 Purple Emperor Recent range expansion in parts of region.  
 Glanville Fritillary Introduced colony now extinct.  
 Small Blue Declining in parts of SW England range; priority for research only.  
 Adonis Blue Recovery in response to conservation action.  
 Chalk Hill Blue Declining in parts of SW England range; priority for research only.

TABLE 2: SOUTH WEST ENGLAND REGIONAL CONSERVATION STRATEGY PRIORITY MOTHS

| Common Name                   | Scientific Name                               | ABH No. | B & F No. | W & C Act Schedule 5 | UK BAP | England NERC s41 | EU Habitats Directive Annex | Cons. Habitats & Species Regs. | BC Threat Priority 2016 | BC Conservation Priority 2016 | South West England RAP 2001 | South Central England RAP 2001 | West Midlands RAP 2001 | Cornwall 2015 | Devon 2015 | Somerset 2015 | Dorset 2015 | Wiltshire 2015 | Gloucestershire 2015 | South West England RCS Threat Priority 2016-25 | South West England RCS Conservation Priority 2016-25 |
|-------------------------------|---|---------|-----------|----------------------|--------|------------------|-----------------------------|--------------------------------|-------------------------|-------------------------------|-----------------------------|--------------------------------|------------------------|---------------|------------|---------------|-------------|----------------|----------------------|--|--|
|                               | <i>Ectoedemia heckfordi</i>                   | 4.086   | 35a       |                      |        |                  |                             |                                |                         |                               |                             |                                |                        |               | P          |               |             |                |                      | H  | A  |
| Richardson's Case-bearer      | <i>Eudarcia richardsoni</i>                   | 12.003  | 202       |                      | X      | X                |                             |                                | H                       | B                             |                             |                                |                        |               |            |               | P           |                |                      | H  | A  |
|                               | <i>Infurcitinea albicomella</i>               | 12.005  | 204       |                      |        |                  |                             |                                |                         |                               | M                           |                                |                        | P             |            |               |             |                |                      | H  | A  |
|                               | <i>Agonopterix atomella</i>                   | 32.012  | 703       |                      | X      | X                |                             |                                | H                       | A                             |                             |                                |                        |               |            | P             | P           | P              |                      | H  | A  |
|                               | <i>Syncopacma suecicella</i>                  | 35.008  | 848a      |                      | X      | X                |                             |                                | H                       | C                             | M                           |                                |                        | P             |            |               |             |                |                      | H  | A  |
|                               | <i>Nothris congressariella</i>                | 35.016  | 839       |                      |        |                  |                             |                                |                         |                               | M                           |                                |                        | P             | P          |               |             |                |                      | H  | A  |
| Large Gold Case-bearer        | <i>Coleophora vibicella</i>                   | 37.059  | 538       |                      | X      | X                |                             |                                | H                       | A                             |                             |                                |                        |               |            |               | P           |                |                      | H  | A  |
|                               | <i>Coleophora linosyridella</i>               | 37.097  | 556a      |                      |        |                  |                             |                                |                         |                               |                             |                                |                        | P             |            |               |             |                |                      | H  | A  |
|                               | <i>Scythris siccella</i>                      | 43.010  | 916       |                      | X      | X                |                             |                                | H                       | A                             |                             |                                |                        |               |            |               | P           |                |                      | H  | A  |
| Short-winged Plume            | <i>Pselnophorus heterodactyla</i>             | 45.036  | 1516      |                      |        |                  |                             |                                |                         |                               |                             |                                |                        |               |            |               |             |                | P                    | H  | A  |
|                               | <i>Epermenia insecurella</i>                  | 47.003  | 482       |                      | X      | X                |                             |                                | H                       | B                             |                             |                                |                        |               |            |               | P           | P              | P                    | H  | A  |
| Mistletoe Marble              | <i>Celypha woodiana</i>                       | 49.165  | 1066      |                      | X      | X                |                             |                                | H                       | B                             | M                           |                                |                        |               |            | P             |             |                | P                    | H  | A  |
| Liquorice Piercer             | <i>Grapholita pallifrontana</i>               | 49.348  | 1243      |                      | X      | X                |                             |                                | H                       | B                             |                             |                                |                        |               |            | P             |             | P              | P                    | H  | A  |
| Greenweed Piercer             | <i>Grapholita lathyrana</i>                   | 49.355  | 1250      |                      |        |                  |                             |                                |                         |                               |                             |                                |                        |               |            | P             | P           |                |                      | H  | A  |
| Forester                      | <i>Adscita statures</i>                       | 54.002  | 163       |                      | X      | X                |                             |                                | H                       | B                             |                             | M                              |                        |               |            | P             | P           | P              | P                    | H  | A  |
|                               | <i>Homoeosoma nimbella</i>                    | 62.056  | 1482      |                      |        |                  |                             |                                |                         |                               | M                           |                                |                        | P             |            |               | P           |                |                      | H  | A  |
| Scarce Hook-tip               | <i>Sabra harpagula</i>                        | 65.006  | 1650      |                      |        |                  |                             |                                | H                       | B                             |                             |                                | H                      |               |            |               |             |                | P                    | H  | A  |
| Narrow-bordered Bee Hawk-moth | <i>Hemaris tityus</i>                         | 69.008  | 1982      |                      | X      | X                |                             |                                | H                       | B                             | H                           | H                              |                        | P             | P          | P             | P           | P              | NRR                  | H  | A  |
| Silky Wave                    | <i>Idaea dilutaria</i>                        | 70.005  | 1704      |                      | X      | X                |                             |                                | H                       | A                             | H                           |                                |                        |               |            | P             |             |                | P                    | H  | A  |
| Dingy Mocha                   | <i>Cyclophora pendularia</i>                  | 70.030  | 1675      |                      | X      | X                |                             |                                | H                       | A                             |                             | H                              |                        |               | P          |               | P           |                |                      | H  | A  |
| False Mocha                   | <i>Cyclophora porata</i>                      | 70.035  | 1679      |                      | X      | X                |                             |                                | H                       | C                             |                             |                                |                        | P             | P          |               | P?          |                |                      | H  | A  |
| Drab Looper                   | <i>Minoa murinata</i>                         | 70.117  | 1878      |                      | X      | X                |                             |                                | H                       | B                             | H                           | H                              |                        |               |            |               | P           | P              | P                    | H  | A  |
| Argent & Sable                | <i>Rheumaptera hastata</i>                    | 70.120  | 1787      |                      | X      | X                |                             |                                | H                       | A                             | H                           | H                              | M                      |               |            | P             | E           | P              | E?                   | H  | A  |
| Barberry Carpet               | <i>Pareulype berberata</i>                    | 70.124  | 1785      | F                    | X      | X                |                             |                                | H                       | A                             |                             | H                              | H                      |               |            |               | P           | P              | P                    | H  | A  |
| Speckled Footman              | <i>Coscinia cribraria bivittata</i>           | 72.032  | 2053      |                      | X      | X                |                             |                                | H                       | B                             |                             | H                              |                        |               |            |               | P           |                |                      | H  | A  |
| Scarce Blackneck              | <i>Lygephila craccae</i>                      | 72.064  | 2467      |                      |        |                  |                             |                                |                         |                               | H                           |                                |                        | P             | P          | P?            |             |                |                      | H  | A  |
| Dark Crimson Underwing        | <i>Catocala sponsa</i>                        | 72.081  | 2455      |                      | X      | X                |                             |                                | H                       | C                             |                             | H                              |                        |               |            |               |             | P              |                      | H  | A  |
| Light Crimson Underwing       | <i>Catocala promissa</i>                      | 72.082  | 2454      |                      | X      | X                |                             |                                | H                       | C                             |                             | H                              |                        |               |            |               |             | P              |                      | H  | A  |
| Sandhill Rustic               | <i>Luperina nickerlii</i> spp. <i>leechi</i>  | 73.132  | 2354      |                      | X      | X                |                             |                                | H                       | C                             | M                           |                                |                        | P             |            |               |             |                |                      | H  | A  |
| Morris's Wainscot             | <i>Photedes morrisii</i> spp. <i>morrisii</i> | 73.148  | 2346      |                      |        |                  |                             |                                |                         |                               | M                           | H                              |                        |               | P          |               | P           |                |                      | H  | A  |
| White Spot                    | <i>Hadena albimacula</i>                      | 73.284  | 2172      |                      | X      | X                |                             |                                | H                       | C                             | H                           | H                              |                        |               | P          |               | P           |                |                      | H  | A  |
|                               | <i>Infurcitinea captans</i>                   | 12.004  | 203a      |                      |        |                  |                             |                                |                         |                               |                             |                                |                        | P             |            |               |             |                |                      | H  | B  |
|                               | <i>Ischnoscia borreonella</i>                 | 12.007  | 205       |                      |        |                  |                             |                                |                         |                               |                             |                                |                        |               | P          |               | P           |                |                      | H  | B  |
|                               | <i>Phyllonorycter staintoniella</i>           | 15.062  | 340a      |                      |        |                  |                             |                                |                         |                               | M                           |                                |                        | P             |            |               |             |                |                      | H  | B  |
|                               | <i>Phyllonorycter sagitella</i>               | 15.088  | 366       |                      | X      | X                |                             |                                | H                       | B                             |                             |                                |                        |               |            |               |             |                | P                    | H  | B  |
|                               | <i>Leucoptera lathyrifoliella</i>             | 21.006  | 258       |                      |        |                  |                             |                                |                         |                               | M                           |                                |                        |               | P          |               |             |                |                      | H  | B  |
|                               | <i>Schiffermuelleria grandis</i>              | 28.003  | 634       |                      |        |                  |                             |                                |                         |                               | M                           |                                |                        |               | P          | P             |             |                |                      | H  | B  |
|                               | <i>Dasycera oliviella</i>                     | 28.020  | 650       |                      |        |                  |                             |                                |                         |                               |                             |                                |                        |               |            |               |             | P              | P                    | H  | B  |
|                               | <i>Oecophora bractella</i>                    | 28.021  | 651       |                      |        |                  |                             |                                |                         |                               | M                           |                                |                        |               | P          |               |             |                | P                    | H  | B  |
|                               | <i>Aplota palpellus</i>                       | 28.027  | 653       |                      |        |                  |                             |                                |                         |                               | M                           |                                |                        |               | P          |               | P           | P              | P                    | H  | B  |



|                             |   |        |       |  |  |   |   |  |  |   |   |   |   |  |  |     |      |      |      |      |      |      |      |   |   |   |
|-----------------------------|---|--------|-------|--|--|---|---|--|--|---|---|---|---|--|--|-----|------|------|------|------|------|------|------|---|---|---|
|                             | <i>Stigmella prunetorum</i>                 | 4.011  | 109   |  |  |   |   |  |  | M |   |   |   |  |  | NRR | P    | NRR  | P    |      |      |      | M    | C |   |   |
|                             | <i>Stigmella pyri</i>                       | 4.027  | 101   |  |  |   |   |  |  | M |   |   |   |  |  |     | PO   |      |      |      | P    |      |      | M | C |   |
|                             | <i>Stigmella auromarginella</i>             | 4.046  | 54    |  |  |   |   |  |  | M |   |   |   |  |  |     | PO   |      | P    |      |      |      |      | M | C |   |
|                             | <i>Trifurcula subnitidella</i>              | 4.067  | 45    |  |  |   |   |  |  |   |   |   |   |  |  |     | P    |      |      |      | P    |      |      | M | C |   |
|                             | <i>Luffia lapidella</i>                     | 11.008 | 184   |  |  |   |   |  |  | M |   |   |   |  |  | P   |      |      |      |      |      |      |      | M | C |   |
|                             | <i>Pachythelia villosella</i>               | 11.017 | 192   |  |  |   |   |  |  |   |   |   |   |  |  |     |      |      | P    |      |      |      |      | M | C |   |
|                             | <i>Nemapogon inconditella</i>               | 12.018 | 216a  |  |  |   |   |  |  | M |   |   |   |  |  |     | NRR  |      |      |      |      |      |      | M | C |   |
|                             | <i>Oinophila v-flava</i>                    | 12.046 | 277   |  |  |   |   |  |  | M |   |   |   |  |  | P   |      |      |      |      |      |      |      | M | C |   |
|                             | <i>Acrolepiopsis marcidella</i>             | 19.013 | 475   |  |  |   |   |  |  |   |   |   |   |  |  |     |      |      | P    |      |      |      |      | M | C |   |
|                             | <i>Agonopterix capreolella</i>              | 32.022 | 715   |  |  | X | X |  |  |   |   | H | C |  |  |     |      |      | P    |      |      |      |      | M | C |   |
|                             | <i>Panocalia schwarzella</i>                | 34.002 | 900   |  |  |   |   |  |  |   |   |   |   |  |  |     |      |      | E    | P    |      |      | P    |   | M | C |
|                             | <i>Cosmopterix orichalcea</i>               | 34.007 | 896   |  |  |   |   |  |  | M |   |   |   |  |  |     | NRR? | P    | NRR  | P    | NRR? |      |      | M | C |   |
|                             | <i>Helcystogramma lutatella</i>             | 35.030 | 869   |  |  |   |   |  |  |   |   |   |   |  |  |     |      |      |      | P    |      |      |      | M | C |   |
|                             | <i>Monochroa lutulentella</i>               | 35.071 | 742   |  |  |   |   |  |  | M |   |   |   |  |  |     |      | NRR  | P    | P    | P    |      |      | M | C |   |
|                             | <i>Gelechia turpella</i>                    | 35.106 | 807   |  |  |   |   |  |  |   |   |   |   |  |  |     |      |      |      |      | P    |      |      | M | C |   |
|                             | <i>Coleophora niveicostella</i>             | 37.043 | 548   |  |  |   |   |  |  |   |   |   |   |  |  |     |      |      |      | P    | NRR? | P    |      | M | C |   |
|                             | <i>Elachista unifasciella</i>               | 38.014 | 619   |  |  |   |   |  |  |   |   |   |   |  |  |     |      | NRR? |      | NRR? | P    |      |      | M | C |   |
|                             | <i>Elachista orstadii</i>                   | 38.034 | 604   |  |  |   |   |  |  |   |   |   |   |  |  |     |      |      |      |      |      | P    |      | M | C |   |
|                             | <i>Chrysoclista lathamella</i>              | 39.006 | 902   |  |  |   |   |  |  |   |   |   |   |  |  |     |      |      | P    |      | P    | P    |      | M | C |   |
|                             | <i>Agdistis meridionalis</i>                | 45.002 | 1487  |  |  |   |   |  |  | M |   |   |   |  |  |     |      |      | P    | P    | NRR  | P    |      | M | C |   |
|                             | <i>Buckleria paludum</i>                    | 45.029 | 1493  |  |  |   |   |  |  | M |   |   |   |  |  |     |      |      | P    | NRR  | P    | NRR? |      | M | C |   |
|                             | <i>Aphelia unitana</i>                      | 49.032 | 990   |  |  |   |   |  |  | M |   |   |   |  |  |     |      |      | P    | NRR  |      | P    |      | M | C |   |
|                             | <i>Phalonidia gilvicomana</i>               | 49.099 | 933   |  |  |   |   |  |  |   |   |   |   |  |  |     |      | NRR  |      | P    |      | P    |      | M | C |   |
|                             | <i>Dichrorampha senectana</i>               | 49.317 | 1277  |  |  |   |   |  |  | M |   |   |   |  |  |     |      | NRR? | P    |      | P    | P    | P    | M | C |   |
|                             | <i>Grapholita caecana</i>                   | 49.350 | 1240  |  |  |   |   |  |  |   |   |   |   |  |  |     |      |      |      |      | P    | P    |      | M | C |   |
|                             | <i>Pammene ignorata</i>                     | 49.361 | 1228a |  |  |   |   |  |  | M |   |   |   |  |  |     |      |      | P    | P    | P    |      | P    | M | C |   |
| White-barred Clearing       | <i>Synanthedon spheciformis</i>             | 52.006 | 375   |  |  |   |   |  |  |   |   | M |   |  |  |     |      |      |      |      |      | P    |      | M | C |   |
| Sallow Clearwing            | <i>Synanthedon flaviventris</i>             | 52.009 | 377   |  |  |   |   |  |  |   | M |   |   |  |  |     |      |      |      |      | P    | ?    |      | M | C |   |
| Festoon                     | <i>Apoda limacodes</i>                      | 53.001 | 173   |  |  |   |   |  |  |   | M |   |   |  |  |     |      |      |      |      | P    | P?   |      | M | C |   |
| The Triangle                | <i>Heterogenea asella</i>                   | 53.002 | 174   |  |  |   |   |  |  | M | H |   |   |  |  |     |      |      | P    | P    |      | P    | P    | M | C |   |
| Cistus Forester             | <i>Adscita geryon</i>                       | 54.003 | 164   |  |  |   |   |  |  |   | M | M |   |  |  |     |      |      |      |      | P    | P    | P    | M | C |   |
|                             | <i>Cynaeda dentalis</i>                     | 63.056 | 1359  |  |  |   |   |  |  |   |   |   |   |  |  |     |      |      |      | P    |      | P    |      | M | C |   |
|                             | <i>Crambus silvella</i>                     | 63.082 | 1296  |  |  |   |   |  |  |   |   |   |   |  |  |     |      |      |      | P    |      | P    |      | M | C |   |
| Satin Lutestring            | <i>Tetheella fluctuosa</i>                  | 65.012 | 1656  |  |  |   |   |  |  |   | M | M |   |  |  |     |      |      |      | P    | NRR  |      | P    | M | C |   |
| Grass Eggar                 | <i>Lasiocampa trifolii</i>                  | 66.006 | 1636  |  |  |   |   |  |  | M | M |   |   |  |  |     |      |      | P    | P    |      | P    |      | M | C |   |
| Broad-boarded Bee Hawk-moth | <i>Hemaris fuciformis</i>                   | 69.009 | 1983  |  |  |   |   |  |  |   | M |   |   |  |  |     |      |      |      | P    |      | P    |      | M | C |   |
| Purple-bordered Gold        | <i>Idaea muricata</i>                       | 70.002 | 1698  |  |  |   |   |  |  |   | M |   |   |  |  |     |      |      |      |      | P    |      |      | M | C |   |
| Dotted Border Wave          | <i>Idaea sylvestraria</i>                   | 70.010 | 1701  |  |  |   |   |  |  |   | M |   |   |  |  |     |      |      |      | P    |      | P    |      | M | C |   |
| Portland Ribbon Wave        | <i>Idaea degeneraria</i>                    | 70.017 | 1714  |  |  |   |   |  |  |   | H |   |   |  |  |     |      |      | P    | P    |      | P    |      | M | C |   |
| Rosy Wave                   | <i>Scopula emutaria</i>                     | 70.028 | 1691  |  |  |   |   |  |  |   | M |   |   |  |  |     |      |      |      |      | P    |      |      | M | C |   |
| Oblique Striped             | <i>Phibalapteryx virgata</i>                | 70.039 | 1718  |  |  |   |   |  |  |   | M |   |   |  |  |     |      |      | NRR? |      | P    | P    | P    | M | C |   |
| Small Argent & Sable        | <i>Epirrhoe tristata</i>                    | 70.060 | 1737  |  |  |   |   |  |  |   |   |   |   |  |  |     |      |      |      | P    |      |      | P    | M | C |   |
| Bilberry Pug                | <i>Pasiphila debiliata</i>                  | 70.145 | 1861  |  |  |   |   |  |  |   | M |   |   |  |  |     |      |      |      | P    | P    | P    |      | M | C |   |
| Lead-coloured Pug           | <i>Eupithecia plumbeolata</i>               | 70.153 | 1814  |  |  |   |   |  |  |   | M | M |   |  |  |     |      |      |      | P    | P    | P    | P    | M | C |   |
| Pauper Pug                  | <i>Eupithecia egenaria</i>                  | 70.164 | 1824  |  |  |   |   |  |  |   |   | H |   |  |  |     |      |      |      | P    | P?   |      | P    | M | C |   |
| Pimpinel Pug                | <i>Eupithecia pimpinellata</i>              | 70.165 | 1845  |  |  |   |   |  |  |   | M |   |   |  |  |     |      |      |      | ?    |      | P    | P    | P | M | C |
| Bleached Pug                | <i>Eupithecia expallidata</i>               | 70.180 | 1833  |  |  |   |   |  |  |   | M |   |   |  |  |     |      |      |      | P    | P?   |      | P    | M | C |   |
| Valerian Pug                | <i>Eupithecia valerianata</i>               | 70.181 | 1821  |  |  |   |   |  |  |   | M |   |   |  |  |     |      |      |      | P    | P    | NRR? | P    | P | M | C |
| Campanula/Jasione Pug       | <i>Eupithecia denotata</i>                  | 70.185 | 1836  |  |  |   |   |  |  |   | M |   |   |  |  |     |      |      |      | NRR? | PO   |      | P?   | P | M | C |
| Yarrow Pug                  | <i>Eupithecia millefoliata</i>              | 70.186 | 1841  |  |  |   |   |  |  |   | M |   |   |  |  |     |      |      |      |      | P?   | P    |      | M | C |   |
| Broom-tip                   | <i>Chesias rufata</i>                       | 70.196 | 1865  |  |  |   | X |  |  |   | M |   |   |  |  |     |      |      |      | NRR  |      |      | P    | M | C |   |
| Light Orange Underwing      | <i>Boudinotiana notha</i>                   | 70.204 | 1662  |  |  |   |   |  |  |   | M |   |   |  |  |     |      |      |      |      |      | P    | NRR? | P | M | C |
| Bordered Grey               | <i>Selidosema brunnearia scandinaviaria</i> | 70.262 | 1938  |  |  |   |   |  |  |   | M |   |   |  |  |     |      |      |      |      |      | P    |      | M | C |   |

|                           |                                   |        |      |   |   |  |  |   |   |  |    |    |      |    |   |   |   |
|---------------------------|-----------------------------------|--------|------|---|---|--|--|---|---|--|----|----|------|----|---|---|---|
| Ringed Carpet             | <i>Cleora cinctaria cinctaria</i> | 70.263 | 1939 |   |   |  |  | M |   |  |    | P  | P?   |    | M | C |   |
| Great Oak Beauty          | <i>Hypomecis roboraria</i>        | 70.267 | 1943 |   |   |  |  | M |   |  |    | P? | P?   | P  | M | C |   |
| Grey Scalloped Bar        | <i>Dyscia fagara</i>              | 70.292 | 1969 |   |   |  |  |   |   |  |    | P  |      |    | M | C |   |
| Grass Wave                | <i>Perconia strigillaria</i>      | 70.295 | 1970 |   |   |  |  | M |   |  | P? | P  | P    |    | M | C |   |
| Small Grass Emerald       | <i>Chlorissa viridata</i>         | 70.306 | 1670 |   |   |  |  | M |   |  | P? | P  | P?   | P  | M | C |   |
| Alder Kitten              | <i>Furcula bicuspis</i>           | 71.006 | 1996 |   |   |  |  | M |   |  | P? | P  | P?   | P  | P | M | C |
| Plumed Prominent          | <i>Ptilophora plumigera</i>       | 71.024 | 2013 |   |   |  |  |   |   |  |    |    | P    | P  | M | C |   |
| Buttoned Snout            | <i>Hypena rostralis</i>           | 72.004 | 2480 |   |   |  |  | H | H |  |    |    | P?   | P  | P | M | C |
| Dark Tussock              | <i>Dicallomera fascelina</i>      | 72.016 | 2027 |   |   |  |  |   |   |  |    |    | P    |    | M | C |   |
| Wood Tiger                | <i>Parasemia plantaginis</i>      | 72.025 | 2056 |   |   |  |  |   |   |  |    | P  | P?   | P  | P | M | C |
| Marsh Oblique-barred      | <i>Hypenodes humidalis</i>        | 72.060 | 2485 |   |   |  |  | M | M |  |    | P  | P?   | P  |   | M | C |
| Waved Black               | <i>Parascotia fuliginaria</i>     | 72.066 | 2475 |   |   |  |  | M |   |  |    |    |      | P  | P | M | C |
| Wormwood                  | <i>Cucullia absinthii</i>         | 73.050 | 2211 |   |   |  |  | M |   |  | E  |    | P    |    | M | C |   |
| Striped Lychnis           | <i>Shargacucullia lychnitis</i>   | 73.057 | 2219 | X | X |  |  | H | B |  |    |    |      | P? | M | C |   |
| Rosy Marbled              | <i>Elaphria venustula</i>         | 73.091 | 2396 |   |   |  |  | M |   |  |    |    | P    |    | M | C |   |
| Butterbur                 | <i>Hydraecia petasitis</i>        | 73.124 | 2362 |   |   |  |  |   |   |  |    |    | P    |    | M | C |   |
| Brighton Wainscot         | <i>Oria musculosa</i>             | 73.143 | 2378 | X | X |  |  | H | C |  |    |    |      | E? | M | C |   |
| Mere Wainscot             | <i>Photodes fluxa</i>             | 73.145 | 2349 |   |   |  |  | M |   |  |    | P  |      | P  | M | C |   |
| Crescent Striped          | <i>Apamea oblonga</i>             | 73.161 | 2325 |   |   |  |  | M |   |  |    |    | P    |    | M | C |   |
| Feathered Brindle         | <i>Aporophyla australis</i>       | 73.230 | 2230 |   |   |  |  | M |   |  | P  | P  |      | P  | M | C |   |
| Northern Drab             | <i>Orthosia opima</i>             | 73.248 | 2184 |   |   |  |  | M |   |  |    |    | P    | P  | M | C |   |
| Silver Cloud              | <i>Egira conspicillaris</i>       | 73.251 | 2181 |   |   |  |  | M |   |  |    | P  |      | P  | M | C |   |
| Glaucous Shears           | <i>Papestra biren</i>             | 73.272 | 2162 |   |   |  |  |   |   |  |    | P  | P    |    | M | C |   |
| White Colon               | <i>Sideridis turbida</i>          | 73.275 | 2152 |   |   |  |  |   |   |  | P  | P  | P    |    | M | C |   |
| Barrett's Marbled Coronet | <i>Conisania andalusica</i>       | 73.278 | 2169 |   |   |  |  | M |   |  | P  | P  |      | P  | M | C |   |
| Double Line               | <i>Mythimna turca</i>             | 73.288 | 2191 |   |   |  |  | H | H |  | P  | P  | P    | P? | M | C |   |
| Mathew's Wainscot         | <i>Mythimna favicolor</i>         | 73.292 | 2200 |   |   |  |  | M |   |  |    |    | P    |    | M | C |   |
| Shore Wainscot            | <i>Mythimna litoralis</i>         | 73.299 | 2201 |   |   |  |  | M |   |  | P  | P  | P    | P  | M | C |   |
| Devonshire Wainscot       | <i>Leucania putrescens</i>        | 73.303 | 2206 |   |   |  |  |   |   |  | P  | P  |      |    | M | C |   |
| Flame Wainscot            | <i>Senta flammea</i>              | 73.305 | 2209 |   |   |  |  | M |   |  |    |    | P    |    | M | C |   |
| Square-spot Dart          | <i>Euxoa obelisca grisea</i>      | 73.312 | 2080 |   |   |  |  | M |   |  | P  | P  | P    | P  | M | C |   |
| Light Feathered Rustic    | <i>Agrotis cinerea</i>            | 73.316 | 2084 |   |   |  |  | H | M |  | P? |    | NRR? | P  | P | M | C |
| Sand Dart                 | <i>Agrostis ripae</i>             | 73.323 | 2093 |   |   |  |  | M |   |  | P  | P  | P    | P  | M | C |   |
| White-marked              | <i>Cerastis leucographa</i>       | 73.337 | 2140 |   |   |  |  | M |   |  | P  | P  | P?   |    | M | C |   |
| Square-spotted Clay       | <i>Xestia stigmatica</i>          | 73.354 | 2131 |   |   |  |  | H | H |  |    |    | P?   |    | M | C |   |
| Plain Clay                | <i>Eugnorisma depuncta</i>        | 73.366 | 2103 |   |   |  |  | M |   |  |    | PO | P    |    | M | C |   |
| Small Black Arches        | <i>Meganola strigula</i>          | 74.001 | 2075 |   |   |  |  | M |   |  |    |    |      | P  | M | C |   |

|                         |                                   |        |      |   |   |  |  |   |   |  |  |      |     |     |   |      |     |   |
|-------------------------|-----------------------------------|--------|------|---|---|--|--|---|---|--|--|------|-----|-----|---|------|-----|---|
| Currant Shoot Borer     | <i>Lampronia capitella</i>        | 9.001  | 133  | X | X |  |  | H | B |  |  |      | NRR |     |   | NRR  | L   |   |
|                         | <i>Phyllocnistis xenia</i>        | 15.093 | 369  |   |   |  |  | M |   |  |  | P    |     |     |   |      | L   |   |
|                         | <i>Coleophora adjunctella</i>     | 37.008 | 496a |   |   |  |  |   |   |  |  | NRR  |     |     |   |      | L   |   |
|                         | <i>Mompha lacteella</i>           | 40.003 | 887  |   |   |  |  | M |   |  |  | P?   | PO  | NRR | P | P?   | P   | L |
|                         | <i>Acleris umbrana</i>            | 49.075 | 1052 |   |   |  |  | M |   |  |  | P    | P   | P   | P |      |     | L |
|                         | <i>Celypha rosaceana</i>          | 49.162 | 1064 |   |   |  |  |   |   |  |  | P?   | PO  | P   | P | P    | P   | L |
|                         | <i>Celypha aurofasciana</i>       | 49.169 | 1069 |   |   |  |  | M |   |  |  | P    | P   | NRR | P | NRR? | P   | L |
|                         | <i>Endothenia ustulana</i>        | 49.190 | 1101 |   |   |  |  | M |   |  |  |      | P   | P   | P | P    | P   | L |
|                         | <i>Epinotia subsequana</i>        | 49.247 | 1131 |   |   |  |  | M |   |  |  | NRR? | NRR |     | P |      | NRR | L |
|                         | <i>Grapholita lobarzewskii</i>    | 49.356 | 1249 |   |   |  |  | M |   |  |  |      | P   |     | P |      | P   | L |
|                         | <i>Pammene obscurana</i>          | 49.366 | 1225 |   |   |  |  | M |   |  |  | NRR? | NRR | P   | P |      | P   | L |
| Hornet Moth             | <i>Sesia apiformis</i>            | 52.002 | 370  |   |   |  |  | M |   |  |  |      |     |     |   |      |     | L |
| Red-tipped Clearwing    | <i>Synanthedon formicaeformis</i> | 52.008 | 380  |   |   |  |  | M |   |  |  | NRR? | P   | P   | P |      | P   | L |
| Orange-tailed Clearwing | <i>Synanthedon andrenaeformis</i> | 52.010 | 378  |   |   |  |  | M |   |  |  |      |     | P   | P | P?   | P   | L |
| Red-belted Clearwing    | <i>Synanthedon myopaeformis</i>   | 52.011 | 379  |   |   |  |  | M |   |  |  |      |     | P   | P |      | P   | L |
| Yellow-legged Clearwing | <i>Synanthedon vespiformis</i>    | 52.012 | 374  |   |   |  |  | M |   |  |  | P    | P   | P   | P | P?   | P   | L |

|                          |   |        |       |   |   |   |  |  |   |   |   |    |   |    |     |    |   |   |
|--------------------------|---|--------|-------|---|---|---|--|--|---|---|---|----|---|----|-----|----|---|---|
| Currant Clearwing        | <i>Synanthedon tipuliformis</i>                     | 52.013 | 373   |   |   |   |  |  |   | M |   | P  | P | P  | P   |    | P | L |
| Six-belted Clearwing     | <i>Bembecia ichneumoniformis</i>                    | 52.014 | 382   |   |   |   |  |  |   | M | M | P  | P | P  | P   | P  | P | L |
|                          | <i>Phlyctaenia stachydalis</i>                      | 63.019 | 1384  |   |   |   |  |  |   | M |   | P  | P | P? | P   | P? | P | L |
| Least Carpet             | <i>Idea rusticata</i>                               | 70.004 | 1699  |   |   |   |  |  |   | M |   |    | P | P? | P   |    | P | L |
| Mocha                    | <i>Cyclophora annularia</i>                         | 70.031 | 1676  |   |   |   |  |  |   | M | M |    | P | P  | P   | P  | P | L |
| Balsam Carpet            | <i>Xanthorhoe biriviata</i>                         | 70.050 | 1721  |   |   |   |  |  |   | M |   |    |   |    |     | ?  |   | L |
| Ruddy Carpet             | <i>Catarhoe rubidata</i>                            | 70.057 | 1735  |   |   |   |  |  |   | M | M | P  | P | P  | P   | ?  | P | L |
| Cloaked Carpet           | <i>Euphyia biangulata</i>                           | 70.064 | 1793  |   |   |   |  |  |   | M | M | P? | P | P  | P   | P  | P | L |
| Juniper Carpet           | <i>Thera juniperata</i>                             | 70.082 | 1771  |   |   |   |  |  |   | M |   |    |   |    | P   | P? | P | L |
| Devon Carpet             | <i>Lampropteryx otregiata</i>                       | 70.104 | 1751  |   |   |   |  |  |   | M | M | P  | P | P  | P   | ?  | P | L |
| Waved Carpet             | <i>Hydrelia sylvata</i>                             | 70.113 | 1877  |   |   |   |  |  |   | H | M | P  | P | P  | P   |    | P | L |
| Blomer's Rivulet         | <i>Venusia blomeri</i>                              | 70.116 | 1872  |   |   |   |  |  |   | M |   | P  | P | P  | NRR | P? | P | L |
| Goosefoot Pug            | <i>Eupithecia sinuosaria</i>                        | 70.167 | 1842a |   |   |   |  |  |   | M | M |    |   |    |     |    |   | L |
| Marbled Pug              | <i>Eupithecia irriguata</i>                         | 70.170 | 1818  |   |   |   |  |  |   | M | M | P  | P | P  | P   |    |   | L |
| Pinion-spotted Pug       | <i>Eupithecia insigniata</i>                        | 70.174 | 1820  |   |   |   |  |  |   | M | M |    |   | P  | P   | P  | P | L |
| Little Thorn             | <i>Cepphis advenaria</i>                            | 70.221 | 1901  |   |   |   |  |  |   | M |   |    |   | P  | P   | P  | P | L |
| Horse Chestnut           | <i>Pachycnemis hippocastanaria</i>                  | 70.225 | 1905  |   |   |   |  |  |   | M |   |    | P | ?  | P   |    |   | L |
| Large Thorn              | <i>Ennomos autumnaria</i>                           | 70.232 | 1911  |   |   |   |  |  |   | M |   |    |   |    |     |    |   | L |
| Dotted Carpet            | <i>Alcis jubata</i>                                 | 70.266 | 1942  |   |   |   |  |  |   | M |   | P  | P | P? | ?   |    |   | L |
| Sloe Carpet              | <i>Aleucis distinctata</i>                          | 70.281 | 1959  | X | X |   |  |  | H | B | M |    |   |    |     |    |   | L |
| Bloxworth Snout          | <i>Hypena obsitalis</i>                             | 72.006 | 2478  |   |   |   |  |  |   | M |   | P  | P |    | P   |    |   | L |
| Jersey Tiger             | <i>Euplagia quadripunctaria</i>                     | 72.030 | 2067  |   |   |   |  |  |   | M |   | P  | P | P  | P   |    |   | L |
| Red-necked Footman       | <i>Atolmis rubicollis</i>                           | 72.042 | 2039  |   |   |   |  |  |   | M |   | P  | P | P  | P   | P  | P | L |
| Hoary Footman            | <i>Eilema caniola</i>                               | 72.047 | 2045  |   |   |   |  |  |   | M |   | P  | P | P  | P   |    |   | L |
| Orange Footman           | <i>Eilema sororcula</i>                             | 72.049 | 2043  |   |   |   |  |  |   | M |   | P  | P | P  | P   | P  | P | L |
| Clay Fan-foot            | <i>Paracolax tristalis</i>                          | 72.051 | 2494  | X | X |   |  |  | H | C | M | M  |   |    |     |    |   | L |
| Dotted Fan-foot          | <i>Macrochilo cribrumalis</i>                       | 72.052 | 2493  |   |   |   |  |  |   | M | M |    |   |    |     |    |   | L |
| White-line Snout         | <i>Schrankia taenialis</i>                          | 72.062 | 2482  |   |   |   |  |  |   | H | H | P  | P | P  | P   |    | P | L |
| Olive Crescent           | <i>Trisateles emortualis</i>                        | 72.070 | 2495  | X | X |   |  |  | H | C |   | H  |   |    |     |    |   | L |
| Reed Dagger              | <i>Simyra albovenosa</i>                            | 73.035 | 2290  |   |   |   |  |  |   |   | M |    |   |    |     |    |   | L |
| Star-wort                | <i>Cucullia asteris</i>                             | 73.055 | 2217  |   |   |   |  |  |   |   | M |    |   |    |     |    |   | L |
| Reddish Buff             | <i>Acosmetia caliginosa</i>                         | 73.078 | 2393  | F | X | X |  |  | H | A |   | H  |   |    |     |    |   | L |
| Marbled Green            | <i>Nyctobrya muralis</i>                            | 73.085 | 2295  |   |   |   |  |  |   |   | M | P  | P | P  | P   | P  | P | L |
| Silky Wainscot           | <i>Chilodes maritima</i>                            | 73.100 | 2391  |   |   |   |  |  |   |   | M | P  | P | P  | P   |    | P | L |
| Webb's Wainscot          | <i>Globia sparganii</i>                             | 73.151 | 2373  |   |   |   |  |  |   |   | M | P  | P | P  | P   |    |   | L |
| Dotted Chestnut          | <i>Conistra rubiginea</i>                           | 73.197 | 2260  |   |   |   |  |  |   |   | M | P  | P | P  | P   | P  | P | L |
| Orange Upperwing         | <i>Jodia croceago</i>                               | 73.199 | 2257  | X | X |   |  |  | H | C | H | H  | H |    |     |    |   | L |
| Sword-grass              | <i>Xylota exsoleta</i>                              | 73.208 | 2242  | X |   |   |  |  | H | C |   | M  |   |    |     |    |   | L |
| Angle-striped Sallow     | <i>Enargia paleacea</i>                             | 73.211 | 2313  |   |   |   |  |  |   |   | M |    |   |    |     |    |   | L |
| White-spotted Pinion     | <i>Cosmia diffinis</i>                              | 73.214 | 2317  | X | X |   |  |  | H | B | H | H  |   | E  | E   | E  | E | L |
| Heart Moth               | <i>Dicyla oo</i>                                    | 73.218 | 2315  | X | X |   |  |  | H | C |   | H  |   |    |     |    |   | L |
| Bordered Gothic          | <i>Heliophobus reticulata</i> ssp. <i>marginosa</i> | 73.277 | 2153  | X | X |   |  |  | H | C |   | H  |   |    | E   |    |   | L |
| L-album Wainscot         | <i>Mythimna l-album</i>                             | 73.300 | 2202  |   |   |   |  |  |   |   | M | P  | P |    | P   |    |   | L |
| Portland Moth            | <i>Actebia praecox</i>                              | 73.308 | 2099  |   |   |   |  |  |   |   | M |    | E |    | E   |    |   | L |
| Crescent Dart            | <i>Agrotis trux</i>                                 | 73.324 | 2090  |   |   |   |  |  |   |   | M | P  | P | P  | P   |    | P | L |
| Northern Rustic          | <i>Standfussiana lucernea</i>                       | 73.341 | 2104  |   |   |   |  |  |   |   |   | P  | P |    | P   |    |   | L |
| Kent Black Arches        | <i>Meganola albula</i>                              | 74.002 | 2076  |   |   |   |  |  |   |   | M | P  | P |    | P   | P  |   | L |
| Cream-bordered Green Pea | <i>Earias clorana</i>                               | 74.011 | 2418  |   |   |   |  |  |   |   | M | P  | P | P  | P   | P? | P | 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:** Leon Truscott (Cornwall); Bob Heckford (Cornwall, Devon); Barry Henwood (Devon); John Bebbington (Somerset); Mark Parsons and Les Hill (Dorset);

Hugo Brooke, Michael Smith and Godfrey Smith (Wiltshire); Peter Hugo and Guy Meredith (Gloucestershire).

**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: SOUTH WEST ENGLAND REGIONAL CONSERVATION STRATEGY PRIORITY LANDSCAPES MAP

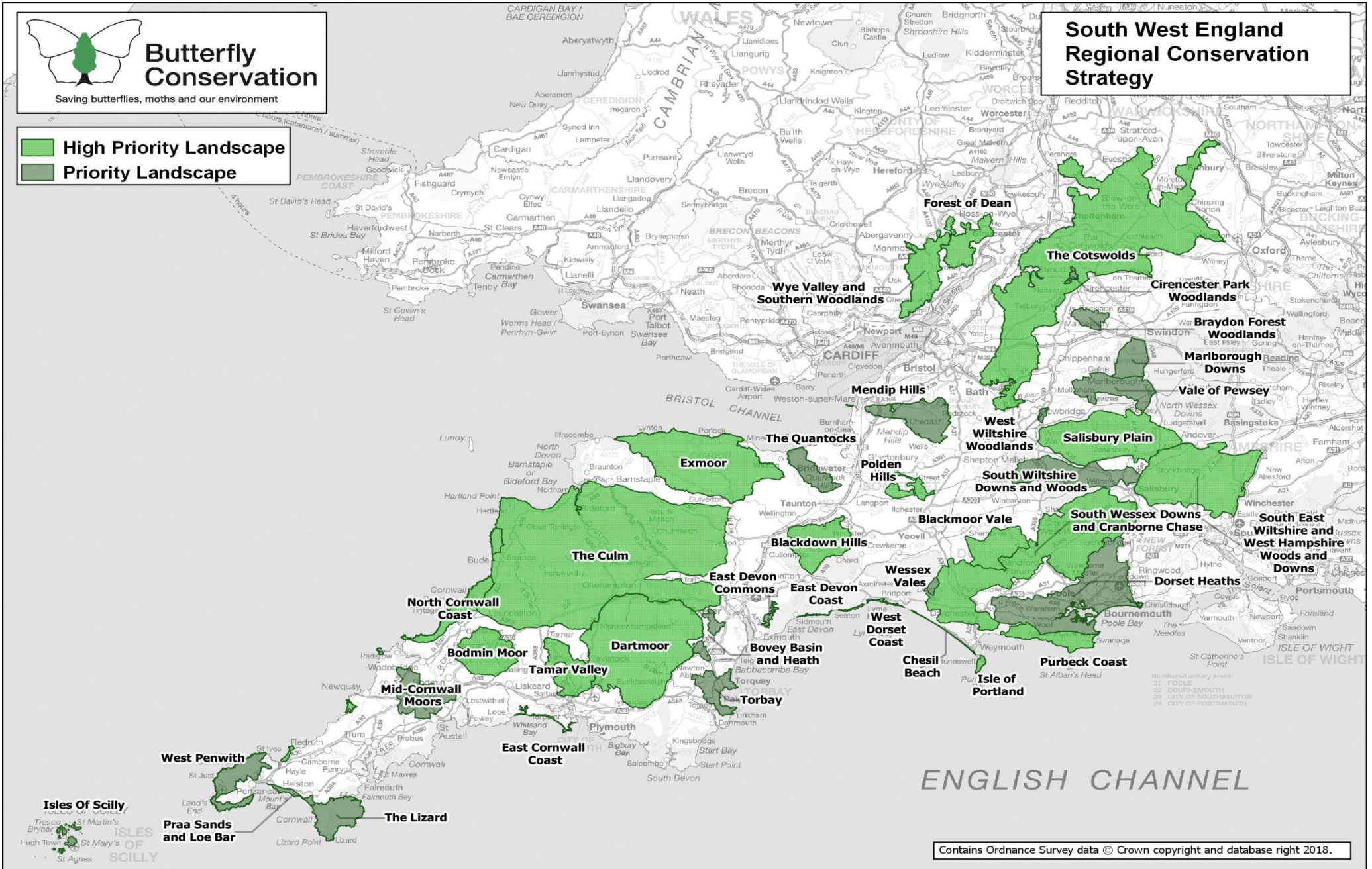






TABLE 4: SOUTH WEST ENGLAND REGIONAL CONSERVATION STRATEGY PRIORITY ACTIONS

|   | South West England RCS Threat Priority 2016-25 | South West England RCS Conservation Priority 2016-25 | South West England RCS Species Recovery Curve Stage | Survey | Monitoring | Research | Bespoke Management | Mosaic Management | Staff led | Input from staff | Volunteer led | Comment  |
|---|--|--|---|--------|------------|----------|--------------------|-------------------|-----------|------------------|---------------|--|
| <b>High and Medium Priority Butterflies</b>               |  |  |   |        |            |          |                    |                   |           |                  |               |  |
| Lulworth Skipper  | H  | A  | 2   |        |            | X        | X                  |                   |           |                  |               | Research autecology: climate change; trial management: calcareous grassland  |
| Wood White  | H  | A  | 4   |        |            |          | X                  |                   |           |                  |               |  |
| Pearl-bordered Fritillary                                 | H  | A  | 4   |        |            | X        | X                  |                   |           |                  |               | Research autecology: climate change/nitrogen deposition; trial management: Bracken   |
| High Brown Fritillary                                     | H  | A  | 4   |        |            | X        | X                  |                   |           |                  |               | Research autecology: climate change/nitrogen deposition; trial management: Bracken   |
| Marsh Fritillary  | H  | A  | 4   |        |            |          | X                  |                   |           |                  |               |  |
| Heath Fritillary  | H  | A  | 3/4   |        |            |          | X                  |                   |           |                  |               |  |
| Duke of Burgundy  | H  | A  | 4   |        |            |          | X                  |                   |           |                  |               |  |
| Large Blue  | H  | A  | 4   |        |            |          | X                  |                   |           |                  |               |  |
| Grayling  | H  | B  | 3   |        |            | X        | X                  | X                 |           |                  |               | Research autecology: climate change; trial management: heathland   |
| Small Pearl-bordered Fritillary                           | H  | B  | 4   |        |            | X        | X                  | X                 |           |                  |               | Research autecology: climate change; mosaic management in part of range  |
| White Admiral   | H  | B  | 2   |        |            | X        | X                  | X                 |           |                  |               | Research autecology: climate change; trial management: woodland  |
| Brown Hairstreak  | H  | B  | 4   |        |            |          | X                  | X                 |           |                  |               |  |
| Silver-studded Blue                                       | H  | B  | 4   |        |            |          | X                  | X                 |           |                  |               |  |
| Dingy Skipper   | M  | C  | 3/4   |        |            | X        |                    | X                 |           |                  |               | Trial management: brownfields, woodland  |
| Grizzled Skipper  | M  | C  | 3/4   |        |            | X        |                    | X                 |           |                  |               | Trial management: brownfields  |
| Silver-spotted Skipper                                    | M  | C  | 5   |        |            |          | X                  | X                 |           |                  |               |  |
| Wall  | M  | C  | 2   |        |            | X        |                    | X                 |           |                  |               | Research causes of decline   |
| Dark Green Fritillary                                     | M  | C  | 4   |        |            |          |                    | X                 |           |                  |               |  |
| Purple Emperor  | M  | C  | 4   |        |            |          |                    | X                 |           |                  |               |  |
| White-letter Hairstreak                                   | M  | C  | 3   | X      | X          | X        |                    | X                 |           |                  |               | Data deficient   |
| Small Blue  | M  | C  | 4   |        |            |          |                    | X                 |           |                  |               | Trial management: dune grasslands  |
| Adonis Blue   | M  | C  | 5   |        |            |          |                    | X                 |           |                  |               |  |
| Chalk Hill Blue   | M  | C  | 2/4   |        |            | X        |                    | X                 |           |                  |               | Research causes of decline in parts of range   |
| <b>High Priority Moths (Conservation Priority A only)</b> |  |  |   |        |            |          |                    |                   |           |                  |               |  |
| <i>Ectoedemia heckfordi</i>                               | H  | A  | 1   | X      | X          |          |                    | X                 |           |                  | V             | Maintain survey effort; liaise with site managers  |
| <i>Eudarcia richardsoni</i>                               | H  | A  | 4   |        | X          |          | X                  | X                 | S         |                  |               | Maintain monitoring on Portland (8 subsites); liaise with site managers/interested parties   |
| <i>Infurcitinea albicomella</i>                           | H  | A  | 1   | X      | X          |          |                    | X                 |           |                  | V             | Increase survey effort; monitor sites on regular basis (min. every 2-3 years); liaise with site managers   |
| <i>Agonopterix atomella</i>                               | H  | A  | 3   | X      | X          |          | X                  |                   | S         |                  |               | Maintain survey effort; liaise with site managers to maintain plentiful supply of dyer's greenweed   |
| <i>Syncopacma suecicella</i>                              | H  | A  | 2   | X      | X          |          | X                  |                   | S         |                  |               | Maintain survey effort; liaise with site managers  |
| <i>Nothris congressariella</i>                            | H  | A  | 1   | X      | X          |          |                    | X                 |           |                  | V             | Increase survey effort; monitor sites on a regular basis (min. every 2-3 years); liaise with site managers   |
| <i>Coleophora vibicella</i>                               | H  | A  | 3   |        | X          | X        | X                  | X                 | S         |                  |               | Maintain annual monitoring at Dorset site; liaise with site managers/interested parties  |
| <i>Coleophora linosyridella</i>                           | H  | A  | 3   | X      | X          |          | X                  |                   |           |                  | V             | Maintain regular monitoring (every 2-3 years); liaise with site managers   |
| <i>Scythris sicella</i>                                   | H  | A  | 3   |        | X          |          | X                  | X                 | S         |                  |               | Annual count undertaken on sole site; small scale management undertaken; liaise with site managers/interested parties  |
| <i>Pselnophorus heterodactyla</i>                         | H  | A  | 2   | X      | X          |          | X                  |                   |           |                  | V             | Increase survey effort; liaise with site managers  |
| <i>Epermenia insecurella</i>                              | H  | A  | 2   | X      | X          |          | X                  |                   | S         |                  |               | Maintain survey effort; liaise with site managers  |
| <i>Celypha woodiana</i>                                   | H  | A  | 3   | X      | X          |          | X                  |                   | S         |                  |               | Maintain survey effort; liaise with site managers to maintain annual supply of Mistletoe   |
| <i>Grapholita pallifrontana</i>                           | H  | A  | 3   | X      | X          |          | X                  |                   | S         |                  |               | Maintain survey effort; liaise with site managers  |
| <i>Grapholita lathyrena</i>                               | H  | A  | 2   | X      | X          |          | X                  |                   |           |                  | V             | Maintain survey effort; liaise with site managers to maintain plentiful supply of Dyer's Greenweed   |
| Forester  | H  | A  | 2   | X      | X          | X        |                    | X                 | S         |                  |               | Maintain survey effort; undertake research on habitat preferences  |
| <i>Homoeosoma nimbella</i>                                | H  | A  | 1   | X      | X          |          | X                  |                   |           |                  | V             | Increase survey effort; monitor sites on a regular basis (min. every 3-4 years); liaise with site managers   |
| Scarce Hook-tip   | H  | A  | 3   | X      | X          | X        |                    | X                 |           |                  | V             | Maintain survey effort; liaise with site managers  |
| Narrow-bordered Bee Hawk-moth                             | H  | A  | 4   | X      | X          |          | X                  | X                 | S         |                  |               | Maintain survey effort; liaise with site managers & encourage appropriate management   |
| Silky Wave  | H  | A  | 4   |        | X          | X        | X                  | X                 |           | S                | V             | Project currently led by Bristol Zoo staff with support from BC; maintain monitoring; liaise with Bristol Zoo and site managers and encourage management   |
| Dingy Mocha   | H  | A  | 3/4   | X      | X          |          | X                  | X                 | S         |                  |               | Maintain annual survey effort; liaise with site managers & encourage site management   |
| False Mocha   | H  | A  | 2   | X      | X          | X        |                    | X                 |           | S                | V             | Encourage survey to ascertain status and identify strongholds  |
| Drab Looper   | H  | A  | 4   | X      | X          |          | X                  | X                 | S         |                  |               | Maintain annual survey effort liaise with site managers & encourage appropriate site management; liaise with site owners/ managers   |
| Argent & Sable  | H  | A  | 3/4   | X      | X          |          | X                  | X                 | S         |                  |               | Maintain survey effort; larval monitoring undertaken at one site; liaise with site managers  |
| Barberry Carpet   | H  | A  | 4   | X      | X          |          | X                  |                   | S         |                  |               | Maintain annual survey effort of extant sites; Barberry planting has been undertaken at some sites; liaise with site owners / managers; survey potential sites or planted sites on a regular basis |
| Speckled Footman  | H  | A  | 2   | X      | X          |          | X                  |                   |           |                  | V             | Maintain survey effort; try to identify key sites  |
| Scarce Blackneck  | H  | A  | 2   | X      | X          |          | X                  |                   |           |                  | V             | Increase survey effort; monitor key sites min. every 3-4 years; liaise with site managers  |
| Dark Crimson Underwing                                    | H  | A  | 2   | X      | X          |          | X                  |                   |           |                  | V             | Increase survey effort; liaise with site managers  |
| Light Crimson Underwing                                   | H  | A  | 2   | X      | X          |          | X                  |                   |           |                  | V             | Increase survey effort; liaise with site managers  |
| Sandhill Rustic   | H  | A  | 2   |        | X          | X        |                    |                   |           |                  | V             | Maintain survey effort and monitoring; liaise with site managers; no management needed   |
| Morris's Wainscot   | H  | A  | 2   | X      | X          |          | X                  |                   |           |                  | V             | Increase survey effort; liaise with site managers  |
| White Spot  | H  | A  | 2   | X      | X          |          | X                  |                   | S         |                  | V             | Increase survey effort; monitor key sites min. every 3-4 years; liaise 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.