

## Breeding success of Merlin in Scotland in 2017

| Region                         | Home ranges checked | Home ranges occupied by pairs | Home ranges occupied (pairs, singles or fresh signs) | Pairs monitored | Failed early on non-breeding | Pairs known to lay eggs | Pairs known to hatch eggs | Pairs known to fledge young | Minimum number of young fledged | Productivity (Young fledged per successful pair) | Productivity (Young fledged per pair laying eggs) | Productivity (Young fledged per pair occupied home range monitored) |
|--------------------------------|---------------------|-------------------------------|------------------------------------------------------|-----------------|------------------------------|-------------------------|---------------------------|-----------------------------|---------------------------------|--------------------------------------------------|---------------------------------------------------|---------------------------------------------------------------------|
| <b>Argyll</b>                  | <b>2</b>            | <b>2</b>                      | <b>0</b>                                             | <b>1</b>        | <b>0</b>                     | <b>1</b>                | <b>1</b>                  | <b>1</b>                    | <b>3</b>                        | <b>3.0 (n=1)</b>                                 | <b>3.0</b>                                        | <b>3.0</b>                                                          |
| - Argyll Mainland              | 2                   | 2                             | 0                                                    | 1               | 0                            | 1                       | 1                         | 1                           | 3                               | 3.0 (n=1)                                        | 3.0                                               | 3.0                                                                 |
| <b>Central Scotland</b>        | <b>3</b>            | <b>2</b>                      | <b>0</b>                                             | <b>2</b>        | <b>1</b>                     | <b>1</b>                | <b>1</b>                  | <b>1</b>                    | <b>1</b>                        | <b>0.0 (n=0)</b>                                 | <b>0.0</b>                                        | <b>0.0</b>                                                          |
| - Stirling                     | 3                   | 2                             | 0                                                    | 2               | 1                            | 1                       | 1                         | 1                           | 1                               | 0.0 (n=0)                                        | 0.0                                               | 0.0                                                                 |
| <b>Dumfries &amp; Galloway</b> | <b>10</b>           | <b>10</b>                     | <b>0</b>                                             | <b>10</b>       | <b>1</b>                     | <b>9</b>                | <b>6</b>                  | <b>5</b>                    | <b>17</b>                       | <b>3.4 (n=5)</b>                                 | <b>1.9</b>                                        | <b>1.7</b>                                                          |
| <b>Highland</b>                | <b>107</b>          | <b>44</b>                     | <b>14</b>                                            | <b>38</b>       | <b>8</b>                     | <b>30</b>               | <b>28</b>                 | <b>25</b>                   | <b>71</b>                       | <b>2.8 (n=24)</b>                                | <b>2.3</b>                                        | <b>1.8</b>                                                          |
| - Badenoch & Strathspey        | 15                  | 8                             | 1                                                    | 8               | 2                            | 6                       | 6                         | 6                           | 17                              | 2.8 (n=6)                                        | 2.8                                               | 2.1                                                                 |
| - Caithness                    | 1                   | 1                             | 0                                                    | 1               | 0                            | 1                       | 1                         | 1                           | 4                               | 4.0 (n=1)                                        | 4.0                                               | 4.0                                                                 |
| - Inverness-shire              | 15                  | 10                            | 0                                                    | 8               | 4                            | 4                       | 4                         | 4                           | 14                              | 3.5 (n=4)                                        | 3.5                                               | 1.8                                                                 |
| - Lochaber                     | 3                   | 3                             | 0                                                    | 3               | 1                            | 2                       | 2                         | 2                           | 7                               | 3.5 (n=2)                                        | 3.5                                               | 2.3                                                                 |
| - Nairn                        | 8                   | 3                             | 0                                                    | 3               | 1                            | 2                       | 2                         | 2                           | 5                               | 2.5 (n=2)                                        | 2.5                                               | 1.7                                                                 |
| - Ross-shire                   | 7                   | 1                             | 0                                                    | 1               | 0                            | 1                       | 1                         | 1                           | 2                               | 2.0 (n=1)                                        | 2.0                                               | 2.0                                                                 |
| - Small Isles                  | 4                   | 1                             | 1                                                    | 1               | 0                            | 1                       | 1                         | 1                           | 4                               | 4.0 (n=1)                                        | 4.0                                               | 4.0                                                                 |
| - Sutherland                   | 38                  | 15                            | 10                                                   | 11              | 0                            | 11                      | 9                         | 8                           | 18                              | 2.1 (n=7)                                        | 1.5                                               | 1.5                                                                 |
| - West Moray                   | 16                  | 2                             | 2                                                    | 2               | 0                            | 2                       | 2                         | 0                           | 0                               | -                                                | -                                                 | -                                                                   |
| <b>Lewis &amp; Harris</b>      | <b>6</b>            | <b>5</b>                      | <b>1</b>                                             | <b>0</b>        | <b>0</b>                     | <b>0</b>                | <b>0</b>                  | <b>0</b>                    | <b>0</b>                        | <b>-</b>                                         | <b>-</b>                                          | <b>-</b>                                                            |
| - Harris                       | 2                   | 2                             | 0                                                    | 0               | 0                            | 0                       | 0                         | 0                           | 0                               | -                                                | -                                                 | -                                                                   |
| - Lewis                        | 4                   | 3                             | 1                                                    | 0               | 0                            | 0                       | 0                         | 0                           | 0                               | -                                                | -                                                 | -                                                                   |
| <b>Lothian &amp; Borders</b>   | <b>40</b>           | <b>14</b>                     | <b>8</b>                                             | <b>13</b>       | <b>3</b>                     | <b>10</b>               | <b>9</b>                  | <b>6</b>                    | <b>17</b>                       | <b>2.8 (n=6)</b>                                 | <b>1.7</b>                                        | <b>1.3</b>                                                          |
| - Lothian                      | 11                  | 3                             | 1                                                    | 3               | 2                            | 1                       | 0                         | 0                           | 0                               | -                                                | -                                                 | -                                                                   |
| - Scottish Borders             | 29                  | 11                            | 7                                                    | 10              | 1                            | 9                       | 9                         | 6                           | 17                              | 2.8 (n=6)                                        | 1.9                                               | 1.7                                                                 |
| <b>North-east Scotland</b>     | <b>101</b>          | <b>31</b>                     | <b>6</b>                                             | <b>28</b>       | <b>3</b>                     | <b>23</b>               | <b>17</b>                 | <b>17</b>                   | <b>51</b>                       | <b>3.0 (n=17)</b>                                | <b>2.2</b>                                        | <b>1.8</b>                                                          |
| - Aberdeenshire                | 75                  | 27                            | 3                                                    | 24              | 1                            | 21                      | 16                        | 16                          | 48                              | 3.0 (n=16)                                       | 2.3                                               | 2.0                                                                 |
| - East Moray                   | 26                  | 4                             | 3                                                    | 4               | 2                            | 2                       | 1                         | 1                           | 3                               | 3.0 (n=1)                                        | 1.5                                               | 0.8                                                                 |
| <b>Orkney</b>                  | <b>80</b>           | <b>9</b>                      | <b>1</b>                                             | <b>9</b>        | <b>4</b>                     | <b>5</b>                | <b>5</b>                  | <b>3</b>                    | <b>10</b>                       | <b>3.3 (n=3)</b>                                 | <b>2.0</b>                                        | <b>1.1</b>                                                          |
| <b>Shetland</b>                | <b>78</b>           | <b>22</b>                     | <b>3</b>                                             | <b>22</b>       | <b>1</b>                     | <b>21</b>               | <b>18</b>                 | <b>17</b>                   | <b>55</b>                       | <b>3.2 (n=17)</b>                                | <b>2.6</b>                                        | <b>2.5</b>                                                          |
| <b>South Strathclyde</b>       | <b>14</b>           | <b>6</b>                      | <b>1</b>                                             | <b>6</b>        | <b>0</b>                     | <b>6</b>                | <b>6</b>                  | <b>6</b>                    | <b>18</b>                       | <b>3.0 (n=6)</b>                                 | <b>3.0</b>                                        | <b>3.0</b>                                                          |
| - Ayrshire                     | 4                   | 1                             | 0                                                    | 1               | 0                            | 1                       | 1                         | 1                           | 2                               | 2.0 (n=1)                                        | 2.0                                               | 2.0                                                                 |

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| - Inverclyde        | 1                   | 0                             | 1                                                    | 0               | 0                            | 0                       | 0                         | 0                           | 0                               | -                                                | -                                                 | -                                                                   |
| - South Lanarkshire | 9                   | 5                             | 0                                                    | 5               | 0                            | 5                       | 5                         | 5                           | 16                              | 3.2 (n=5)                                        | 3.2                                               | 3.2                                                                 |
| <b>Tayside</b>      | <b>64</b>           | <b>26</b>                     | <b>11</b>                                            | <b>23</b>       | <b>1</b>                     | <b>20</b>               | <b>17</b>                 | <b>17</b>                   | <b>31</b>                       | <b>1.8 (n=16)</b>                                | <b>1.5</b>                                        | <b>1.3</b>                                                          |
| - Angus             | 20                  | 6                             | 4                                                    | 6               | 0                            | 6                       | 6                         | 6                           | 11                              | 1.8 (n=6)                                        | 1.8                                               | 1.8                                                                 |
| - Perth & Kinross   | 44                  | 20                            | 7                                                    | 17              | 1                            | 14                      | 11                        | 11                          | 20                              | 1.7 (n=10)                                       | 1.4                                               | 1.1                                                                 |
| <b>Uist</b>         | <b>9</b>            | <b>8</b>                      | <b>1</b>                                             | <b>4</b>        | <b>0</b>                     | <b>4</b>                | <b>4</b>                  | <b>4</b>                    | <b>13</b>                       | <b>3.2 (n=4)</b>                                 | <b>3.2</b>                                        | <b>3.2</b>                                                          |
| - Barra             | 1                   | 1                             | 0                                                    | 0               | 0                            | 0                       | 0                         | 0                           | 0                               | -                                                | -                                                 | -                                                                   |
| - South Uist        | 8                   | 7                             | 1                                                    | 4               | 0                            | 4                       | 4                         | 4                           | 13                              | 3.2 (n=4)                                        | 3.2                                               | 3.2                                                                 |
| <b>TOTAL:</b>       | <b>514</b>          | <b>179</b>                    | <b>46</b>                                            | <b>156</b>      | <b>22</b>                    | <b>130</b>              | <b>112</b>                | <b>102</b>                  | <b>287</b>                      | <b>2.9 (n=99)</b>                                | <b>2.3</b>                                        | <b>1.9</b>                                                          |