

Supplementary Information

Inferring the links between breeding and wintering grounds in a Palearctic–African migratory bird, the Great Reed Warbler, using mitochondrial DNA data

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Table S1: Pair-wise genetic differentiation (F_{ST}) between the non-breeding population in Nigeria and the Eurasian breeding populations based on analyses when including data of birds captured in February–April and of birds captured in February

| | February–April | February |
|-----------------------|-----------------------|-----------------|
| Spain | 0.128 | 0.225 |
| Netherlands | 0.147 | 0.263 |
| Sweden | 0.005 | 0.079 |
| Latvia | −0.006 | −0.003 |
| Germany | 0.007 | 0.068 |
| Czech Republic | −0.006 | −0.070 |
| Hungary | 0.043 | 0.134 |
| Bulgaria | 0.041 | −0.060 |
| Greece | −0.001 | −0.039 |
| Belarus | −0.020 | −0.050 |
| Ukraine | 0.005 | −0.071 |
| Russia | 0.035 | 0.080 |
| Kazakhstan | 0.290 | 0.357 |
| Turkey | 0.460 | 0.236 |
| Iran | 0.550 | 0.286 |

Table S2: *P*-values for the F_{ST} values given in Table 2

| | Nigeria | Botswana | Zambia | Kenya |
|-----------------------|----------------|-----------------|---------------|--------------|
| Spain | <i>0.067</i> | <i>0.051</i> | <i>0.000</i> | <i>0.000</i> |
| Netherlands | <i>0.051</i> | <i>0.079</i> | <i>0.000</i> | <i>0.000</i> |
| Sweden | <i>0.331</i> | <i>0.483</i> | <i>0.000</i> | <i>0.000</i> |
| Latvia | <i>0.469</i> | <i>0.895</i> | <i>0.012</i> | <i>0.000</i> |
| Germany | <i>0.239</i> | <i>0.690</i> | <i>0.002</i> | <i>0.000</i> |
| Czech Republic | <i>0.353</i> | <i>0.890</i> | <i>0.126</i> | <i>0.000</i> |
| Hungary | <i>0.095</i> | <i>0.310</i> | <i>0.000</i> | <i>0.000</i> |
| Bulgaria | <i>0.085</i> | <i>0.509</i> | <i>0.284</i> | <i>0.000</i> |
| Greece | <i>0.316</i> | <i>0.590</i> | <i>0.028</i> | <i>0.000</i> |
| Belarus | <i>0.667</i> | <i>0.883</i> | <i>0.047</i> | <i>0.000</i> |
| Ukraine | <i>0.300</i> | <i>0.781</i> | <i>0.124</i> | <i>0.000</i> |
| Russia | <i>0.085</i> | <i>0.404</i> | <i>0.000</i> | <i>0.000</i> |
| Kazakhstan | <i>0.000</i> | <i>0.000</i> | <i>0.000</i> | <i>0.000</i> |
| Turkey | <i>0.000</i> | <i>0.000</i> | <i>0.000</i> | <i>0.093</i> |
| Iran | <i>0.000</i> | <i>0.000</i> | <i>0.004</i> | <i>0.345</i> |