Table S1. Pairwise ᵠFst calculated using Peter and Slatkins (2008) indicating directional geneflow between 12 populations of Ischnura elegans in Northeast Scotland

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 17 | 31 | 40 | 43 | 46 | 51 | 84 | 87 | 90 | 91 | 107 |
| 14 | -0.0094 | -0.0748 | -0.0067 | -0.0455 | -0.0704 | -0.0644 | -0.0312 | -0.0552 | -0.0403 | -0.0741 | -0.0610 |
| 17 |  | -0.0430 | -0.0128 | -0.0272 | -0.0491 | -0.0235 | -0.0198 | -0.0360 | -0.0199 | -0.0379 | -0.0474 |
| 31 |  |  | 0.0464 | 0.0215 | 0.0009 | 0.0221 | 0.0249 | 0.0022 | 0.0138 | 0.0208 | 0.0029 |
| 40 |  |  |  | -0.0182 | -0.0387 | -0.0214 | -0.0102 | -0.0317 | -0.0147 | -0.0336 | -0.0359 |
| 43 |  |  |  |  | -0.0363 | -0.0070 | 0.0043 | -0.0200 | 0.0015 | -0.0267 | -0.0232 |
| 46 |  |  |  |  |  | 0.0201 | 0.0267 | 0.0026 | 0.0189 | 0.0031 | 0.0032 |
| 51 |  |  |  |  |  |  | 0.0059 | -0.0131 | 0.0033 | -0.0130 | -0.0197 |
| 84 |  |  |  |  |  |  |  | -0.0120 | -0.0011 | -0.0169 | -0.0275 |
| 87 |  |  |  |  |  |  |  |  | 0.0119 | -0.0046 | -0.0105 |
| 90 |  |  |  |  |  |  |  |  |  | -0.0106 | -0.0360 |
| 91 |  |  |  |  |  |  |  |  |  |  | -0.0205 |

Table S2. Pairwise Fst values for all 12 population of *Ischnura elegans*

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 17 | 31 | 40 | 43 | 46 | 51 | 84 | 87 | 91 | 90 | 107 |
| 14 | 0.031 | 0.031 | 0.034 | 0.031 | 0.030 | 0.034 | 0.033 | 0.032 | 0.031 | 0.033 | 0.038 |
| 17 |  | 0.032 | 0.036 | 0.033 | 0.032 | 0.035 | 0.034 | 0.033 | 0.033 | 0.034 | 0.038 |
| 31 |  |  | 0.033 | 0.030 | 0.031 | 0.032 | 0.031 | 0.030 | 0.032 | 0.032 | 0.033 |
| 40 |  |  |  | 0.035 | 0.034 | 0.039 | 0.036 | 0.036 | 0.037 | 0.037 | 0.039 |
| 43 |  |  |  |  | 0.032 | 0.034 | 0.033 | 0.032 | 0.033 | 0.034 | 0.036 |
| 46 |  |  |  |  |  | 0.034 | 0.032 | 0.032 | 0.032 | 0.033 | 0.036 |
| 51 |  |  |  |  |  |  | 0.035 | 0.034 | 0.034 | 0.034 | 0.039 |
| 84 |  |  |  |  |  |  |  | 0.033 | 0.035 | 0.035 | 0.038 |
| 87 |  |  |  |  |  |  |  |  | 0.033 | 0.034 | 0.036 |
| 91 |  |  |  |  |  |  |  |  |  | 0.033 | 0.038 |
| 90 |  |  |  |  |  |  |  |  |  |  | 0.038 |

Figure S1. Pairwise Fst between populations against the geodesic given in km for 12 populations of *Ischnura elegans* in Northeast Scotland.

