|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Marker | Na | Ho | HE | HWE | Fis | GenBank accession no. |
| Sphae02 | 25 | 0.808 | 0.916 | 0.184 | 0.118 | KP790099 |
| Sphae07 | 14 | 0.912 | 0.906 | 0.591 | -0.006 | KP790101 |
| Sphae13 | 11 | 0.848 | 0.917 | 0.224 | 0.075 | KP790103 |
| Snema04 | 6 | 0.138 | 0.185 | 0.999 | 0.253 | KP790108 |
| Snema05 | 11 | 0.388 | 0.678 | **0.001** | 0.428 | KP790112 |
| Sphae17 | 10 | 0.715 | 0.799 | 0.674 | 0.105 | KP790104 |
| Sphae18 | 24 | 0.876 | 0.925 | 0.283 | 0.055 | KP790105 |
| Sphae28 | 16 | 0.734 | 0.839 | **0.013** | 0.125 | KP790107 |
| Snema03 | 6 | 0.259 | 0.298 | 0.708 | 0.131 | KP790111 |
| Snema08 | 8 | 0.724 | 0.709 | 0.155 | -0.022 | KP790113 |
| Snema11 | 9 | 0.576 | 0.724 | **0.013** | 0.204 | KP790115 |
| Snema15 | 11 | 0.591 | 0.748 | 0.331 | 0.061 | KP790117 |
| Snema16 | 9 | 0.169 | 0.543 | **0.001** | 0.689 | KP790118 |
| Sphae06 | 17 | 0.524 | 0.900 | **0.029** | 0.418 | KP790100 |
| Sphae20 | 18 | 0.895 | 0.876 | 0.424 | -0.022 | KP790106 |
| Sphae31 | 27 | 0.873 | 0.944 | 0.391 | 0.075 | KP790109 |
| Snema17 | 3 | 0.268 | 0.253 | 0.999 | -0.063 | KP790104 |
| Snema19 | 16 | 0.803 | 0.852 | **0.044** | 0.058 | KP790120 |
| Snema20 | 8 | 0.895 | 0.876 | 0.107 | 0.083 | KP790121 |

Supplemental Table 1. Summary statistics of 19 microsatellite markers for *Sphaeramia nematoptera*

Number of alleles (Na), observed (Ho) and expected (HE) heterozygosities, deviation from the exact test of Hardy–Weinberg-Equilibrium with significant departures depicted in bold and fixation index (Fis) are presented for each locus.