|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Table S1.** Genetic divergence (K2P) and bootstrap method of species of *Anaplecta* Burmeister, 1838 using cytochromecoxidase subunit I (COI) gene sequences in MEGA.  <https://doi.org/10.5852/ejt.2020.720.1117.2911> | | | | | | | | | | | | | | | | | | | | | | | |  |  |
| **Species** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | **13** | **14** | **15** | **16** | **17** | **18** | **19** | **20** | **21** | **22** | **23** | **24** | **25** |
| *A. omei* (CQ1) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *A. omei* (TMS) | 0.014 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *A. omei* (JS) | 0.013 | 0.002 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *A. omei* (AH) | 0.013 | 0.002 | 0.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *A. omei* (SC1) | 0.005 | 0.009 | 0.008 | 0.008 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *A. omei* (YN1) | 0.005 | 0.009 | 0.008 | 0.008 | 0.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *A. strigata* sp. nov. (JFL2) | 0.240 | 0.237 | 0.234 | 0.234 | 0.243 | 0.243 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *A. strigata* sp. nov. (YN2) | 0.237 | 0.234 | 0.231 | 0.231 | 0.240 | 0.240 | 0.003 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *A. corneola* sp. nov. (JFL1) | 0.173 | 0.168 | 0.171 | 0.170 | 0.176 | 0.176 | 0.242 | 0.239 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *A. corneola* sp. nov. (MS) | 0.174 | 0.174 | 0.177 | 0.177 | 0.177 | 0.177 | 0.225 | 0.223 | 0.066 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *A. corneola* sp. nov. (WY) | 0.172 | 0.172 | 0.175 | 0.175 | 0.175 | 0.175 | 0.220 | 0.218 | 0.063 | 0.003 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *A. corneola* sp. nov. (ZQ) | 0.171 | 0.171 | 0.173 | 0.173 | 0.173 | 0.173 | 0.216 | 0.213 | 0.065 | 0.020 | 0.020 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *A. staminiformis* sp. nov. (DLS1) | 0.251 | 0.251 | 0.254 | 0.254 | 0.254 | 0.254 | 0.256 | 0.256 | 0.244 | 0.244 | 0.238 | 0.244 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *A. staminiformis* sp. nov. (DLS2) | 0.251 | 0.251 | 0.254 | 0.254 | 0.254 | 0.254 | 0.256 | 0.256 | 0.244 | 0.244 | 0.238 | 0.244 | 0.000 |  |  |  |  |  |  |  |  |  |  |  |  |
| *A. staminiformis* sp. nov. (LMS1) | 0.263 | 0.266 | 0.266 | 0.266 | 0.266 | 0.266 | 0.280 | 0.280 | 0.259 | 0.274 | 0.268 | 0.268 | 0.038 | 0.038 |  |  |  |  |  |  |  |  |  |  |  |
| *A. staminiformis* sp. nov. (LMS2) | 0.243 | 0.245 | 0.245 | 0.245 | 0.245 | 0.245 | 0.255 | 0.255 | 0.233 | 0.244 | 0.239 | 0.239 | 0.019 | 0.019 | 0.019 |  |  |  |  |  |  |  |  |  |  |
| *A. arcuata* sp. nov. (BT1) | 0.270 | 0.270 | 0.273 | 0.273 | 0.270 | 0.270 | 0.239 | 0.244 | 0.291 | 0.296 | 0.297 | 0.296 | 0.273 | 0.273 | 0.308 | 0.292 |  |  |  |  |  |  |  |  |  |
| *A. arcuata* sp. nov. (BT2) | 0.277 | 0.277 | 0.280 | 0.280 | 0.277 | 0.277 | 0.241 | 0.247 | 0.297 | 0.296 | 0.297 | 0.296 | 0.266 | 0.266 | 0.301 | 0.285 | 0.006 |  |  |  |  |  |  |  |  |
| *A. furcata* sp. nov. (GX1) | 0.248 | 0.251 | 0.254 | 0.254 | 0.251 | 0.251 | 0.242 | 0.242 | 0.266 | 0.271 | 0.271 | 0.275 | 0.268 | 0.268 | 0.304 | 0.278 | 0.216 | 0.216 |  |  |  |  |  |  |  |
| *A. furcata* sp. nov. (GX2) | 0.248 | 0.251 | 0.254 | 0.254 | 0.251 | 0.251 | 0.242 | 0.242 | 0.266 | 0.271 | 0.271 | 0.275 | 0.268 | 0.268 | 0.304 | 0.278 | 0.216 | 0.216 | 0.000 |  |  |  |  |  |  |
| *A. cruciata* sp. nov. (ML1) | 0.249 | 0.249 | 0.246 | 0.246 | 0.249 | 0.249 | 0.283 | 0.276 | 0.287 | 0.310 | 0.303 | 0.318 | 0.243 | 0.243 | 0.275 | 0.248 | 0.279 | 0.282 | 0.281 | 0.281 |  |  |  |  |  |
| *A. cruciata* sp. nov. (ML2) | 0.249 | 0.249 | 0.246 | 0.246 | 0.249 | 0.249 | 0.283 | 0.276 | 0.287 | 0.310 | 0.303 | 0.318 | 0.243 | 0.243 | 0.275 | 0.248 | 0.279 | 0.282 | 0.281 | 0.281 | 0.000 |  |  |  |  |
| *A. basalis* (HJ2009) | 0.259 | 0.253 | 0.253 | 0.253 | 0.259 | 0.259 | 0.250 | 0.244 | 0.252 | 0.248 | 0.243 | 0.255 | 0.209 | 0.209 | 0.226 | 0.202 | 0.279 | 0.283 | 0.269 | 0.269 | 0.276 | 0.276 |  |  |  |
| *A. basalis* (HJ1) | 0.259 | 0.253 | 0.253 | 0.253 | 0.259 | 0.259 | 0.250 | 0.244 | 0.252 | 0.248 | 0.242 | 0.255 | 0.209 | 0.209 | 0.226 | 0.202 | 0.279 | 0.283 | 0.269 | 0.269 | 0.276 | 0.276 | 0.000 |  |  |
| *A. nigra* sp. nov.(XZ) | 0.268 | 0.271 | 0.268 | 0.268 | 0.271 | 0.271 | 0.245 | 0.245 | 0.245 | 0.255 | 0.250 | 0.242 | 0.207 | 0.207 | 0.244 | 0.218 | 0.253 | 0.247 | 0.248 | 0.248 | 0.273 | 0.273 | 0.250 | 0.250 |  |
| *A. bicolor* sp. nov.(SP3) | 0.253 | 0.259 | 0.262 | 0.262 | 0.256 | 0.256 | 0.244 | 0.238 | 0.241 | 0.239 | 0.238 | 0.234 | 0.260 | 0.260 | 0.260 | 0.245 | 0.268 | 0.262 | 0.248 | 0.248 | 0.279 | 0.279 | 0.264 | 0.264 | 0.288 |