**Table S2.** Loadings of the principal component analysis of 10 floral traits across six taxa in *Solanum* Section *Androceras.*

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Trait | PC1 | PC2 | PC3 | PC4 | PC5 | PC6 | PC7 | PC8 | PC9 | PC10 |
| Corolla width | 0.648 | 0.21 | 0.52 | 0.503 | 0.008 | -0.106 | 0.01 | 0.009 | -0.023 | 0.011 |
| Corolla length | 0.617 | 0.298 | -0.252 | -0.658 | 0.177 | 0.012 | -0.03 | -0.01 | 0.04 | 0 |
| PA width | 0.037 | -0.109 | 0.023 | -0.099 | -0.049 | -0.129 | 0.101 | -0.165 | -0.943 | 0.178 |
| PA length | 0.227 | -0.221 | -0.337 | 0.114 | -0.434 | -0.221 | 0.563 | -0.422 | 0.201 | -0.001 |
| FA width | 0.018 | -0.022 | 0.001 | -0.012 | -0.012 | -0.041 | 0.045 | 0.031 | -0.176 | -0.982 |
| FA length | 0.123 | -0.168 | -0.25 | 0.08 | -0.092 | -0.324 | 0.184 | 0.856 | -0.059 | 0.065 |
| Distance PA-FA | 0.162 | -0.069 | 0.003 | -0.067 | -0.763 | 0.489 | -0.344 | 0.143 | -0.068 | -0.004 |
| Distance FA-stigma | 0.167 | -0.363 | -0.012 | 0.082 | 0.356 | 0.718 | 0.421 | 0.109 | -0.05 | 0.007 |
| Distance PA-stigma | 0.076 | -0.649 | 0.548 | -0.433 | -0.029 | -0.233 | -0.047 | -0.007 | 0.166 | -0.001 |
| Style length | 0.264 | -0.468 | -0.434 | 0.295 | 0.243 | -0.094 | -0.582 | -0.168 | -0.013 | -0.017 |
|  |  |  |  |  |  |  |  |  |  |  |
| Proportion of variance explained | 0.8805 | 0.0687 | 0.0156 | 0.0136 | 0.0083 | 0.0073 | 0.0037 | 0.0014 | 0.0007 | 0.0001 |
| Cumulative proportion of variance | 0.8805 | 0.9492 | 0.9648 | 0.9784 | 0.9867 | 0.9940 | 0.9977 | 0.9992 | 0.9999 | 1.0000 |