**Table S1 Catalog collection numbers of specimens included in this study where biological samples were obtained.**

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| **Jardín Botánico IB-UNAM Collection** | **Catalog number** |
| *Stelis ciliaris* | **MX-JB-008-DF-8982** |
| *Prosthechea squalida* | **MX-JB-008-DF-8983** |
| *Ponera juncifolia* | **MX-JB-008-DF-8984** |
| *Coelia triptera* | **MX-JB-008-DF-8985** |
| *Chysis laevis* | **MX-JB-008-DF-8986** |
| *Oestlundia ligulata* | **MX-JB-008-DF-8987** |
| *Govenia alba* | **MX-JB-008-DF-8988** |
| *Bletia purpurea* | **MX-JB-008-DF-8989** |
| *Laelia speciosa* | **MX-JB-008-DF-8990** |
| *Chysis bractescens* | **MX-JB-008-DF-8991** |
| *Isochilus mahor* | **MX-JB-008-DF-8992** |
| *Chysis limminghei* | **MX-JB-008-DF-8993** |
| *Specklinia glandulosa* | **MX-JB-008-DF-8994** |
| *Encyclia microbulbob* | **MX-JB-008-DF-8995** |