Appendix 2. Subfamilies, genera and morpho-species captured in three successional stages in a Dry Semi-Deciduous Tropical Forest

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Young forest** | **Intermediate forest** | **Old forest** | **Total** |
| **Anomaloninae** |  |  |  |  |
| *Anomalon* sp. 1 | 2 | 0 | 0 | 2 |
| *Anomalon* sp. 2 | 0 | 1 | 0 | 1 |
| *Anomalon* sp. 3 | 1 | 9 | 29 | 39 |
| *Podogaster* sp. 1 | 0 | 1 | 5 | 6 |
| *Podogaster* sp. 2 | 4 | 1 | 1 | 6 |
| **Total Anomaloninae** | **7** | **12** | **35** | **54** |
| **Banchinae** |  |  |  |  |
| *Diradops* sp. 1 | 0 | 1 | 0 | 1 |
| *Meniscomorpha* sp. 1 | 3 | 4 | 2 | 9 |
| *Meniscomorpha* sp. 2 | 2 | 1 | 1 | 4 |
| *Meniscomorpha* sp. 3 | 2 | 3 | 1 | 6 |
| *Mnioes* sp. 1 | 4 | 0 | 7 | 11 |
| *Syzeuctus* sp. 1 | 9 | 1 | 6 | 16 |
| **Total Banchinae** | **20** | **10** | **17** | **47** |
| **Brachycirtinae** |  |  |  |  |
| *Brachycirtus* sp. 1 | 1 | 0 | 0 | 1 |
| **Total Brachycirtinae** | **1** | **0** | **0** | **1** |
| **Campopleginae** |  |  |  |  |
| *Callidora* | 1 | 0 | 0 | 1 |
| *Campoplex* | 15 | 6 | 11 | 32 |
| *Casinaria* sp. 1 | 10 | 4 | 3 | 17 |
| *Casinaria* sp. 2 | 0 | 2 | 1 | 3 |
| *Charops* sp. 1 | 5 | 9 | 8 | 22 |
| *Charops* sp. 2 | 0 | 4 | 0 | 4 |
| *Diadegma* | 7 | 27 | 2 | 36 |
| *Microcharops* | 3 | 0 | 3 | 6 |
| *Phobocampe* sp. 1 | 0 | 0 | 1 | 1 |
| *Phobocampe* sp. 2 | 0 | 0 | 1 | 1 |
| *Rutenia* | 3 | 0 | 3 | 6 |
| *Venturia* | 3 | 7 | 5 | 15 |
| **Total Campopleginae** | **47** | **59** | **38** | **144** |
| **Cremastinae** |  |  |  |  |
| *Eiphosoma* sp. 1 | 1 | 1 | 0 | 2 |
| *Eiphosoma* sp. 2 | 0 | 1 | 0 | 1 |
| *Eiphosoma* sp. 3 | 1 | 0 | 0 | 1 |
| *Eiphosoma* sp. 4 | 12 | 7 | 1 | 20 |
| *Eiphosoma* sp. 5 | 1 | 1 | 0 | 2 |
| *Eiphosoma* sp. 6 | 2 | 1 | 0 | 3 |
| *Eiphosoma* sp. 7 | 52 | 17 | 0 | 69 |
| *Eiphosoma* sp. 8 | 174 | 31 | 0 | 205 |
| *Eiphosoma* sp. 9 | 2 | 0 | 0 | 2 |
| *Neleothymus* sp. 1 | 2 | 0 | 0 | 2 |
| *Pristomerus* sp. 1 | 1 | 0 | 0 | 1 |
| *Pristomerus* sp. 2 | 2 | 0 | 0 | 2 |
| *Pristomerus* sp. 3 | 3 | 1 | 0 | 4 |
| *Temelucha* sp. 1 | 3 | 6 | 0 | 9 |
| *Temelucha* sp. 2 | 5 | 1 | 0 | 6 |
| *Temelucha* sp. 3 | 1 | 0 | 0 | 1 |
| *Temelucha* sp. 4 | 0 | 2 | 0 | 2 |
| *Trathala* sp. 1 | 0 | 1 | 1 | 2 |
| *Trathala* sp. 2 | 6 | 2 | 0 | 8 |
| *Xiphosomella* sp. 1 | 20 | 17 | 5 | 42 |
| *Xiphosomella* sp. 2 | 4 | 13 | 6 | 23 |
| *Xiphosomella* sp. 3 | 3 | 1 | 1 | 5 |
| *Xiphosomella* sp. 4 | 12 | 13 | 8 | 33 |
| **Total Cremastinae** | **307** | **116** | **22** | **445** |
| **Cryptinae** |  |  |  |  |
| *Acerastes* sp. 1 | 1 | 1 | 0 | 2 |
| *Acerastes* sp. 2 | 43 | 6 | 10 | 59 |
| *Acerastes* sp. 3 | 2 | 0 | 1 | 3 |
| *Acerastes* sp. 4 | 2 | 2 | 2 | 6 |
| *Acerastes* sp. 5 | 1 | 0 | 0 | 1 |
| *Acerastes* sp. 6 | 2 | 0 | 0 | 2 |
| *Acerastes* sp. 7 | 3 | 0 | 0 | 3 |
| *Agonocryptus chichimecus* | 12 | 10 | 2 | 24 |
| *Agonocryptus* sp. 1 | 2 | 0 | 2 | 4 |
| *Ateleute* sp. 1 | 0 | 2 | 4 | 6 |
| *Ateleute* sp. 2 | 2 | 4 | 1 | 7 |
| *Baltazaria introita* | 4 | 1 | 1 | 6 |
| *Baltazaria* sp. 1 | 4 | 2 | 1 | 7 |
| *Baltazaria* sp. 2 | 6 | 2 | 3 | 11 |
| *Baltazaria* sp. 2 | 9 | 6 | 9 | 24 |
| *Baltazaria* sp. 3 | 1 | 0 | 0 | 1 |
| *Baltazaria* sp. 4 | 5 | 2 | 1 | 8 |
| *Baltazaria* sp. 5 | 6 | 1 | 0 | 7 |
| *Baryceros burgosi* | 2 | 1 | 0 | 3 |
| *Baryceros* sp. 1 | 3 | 1 | 1 | 5 |
| Bicryptella sp. 1 | 1 | 0 | 0 | 1 |
| *Cadarca* sp. 1 | 1 | 0 | 0 | 1 |
| *Camera euryaspis* | 1 | 9 | 19 | 29 |
| *Cestrus arcuatorius* | 1 | 1 | 1 | 3 |
| *Cryptanura* sp. 1 | 2 | 1 | 0 | 3 |
| *Cryptanura* sp. 2 | 0 | 1 | 2 | 3 |
| *Diapetimorpha* sp. 1 | 6 | 10 | 23 | 39 |
| *Diapetimorpha* sp. 2 | 1 | 1 | 0 | 2 |
| *Diapetimorpha* sp. 3 | 2 | 0 | 2 | 4 |
| *Diapetimorpha* sp. 4 | 1 | 0 | 0 | 1 |
| *Diapetimorpha* sp. 5 | 5 | 2 | 1 | 8 |
| *Diapetimorpha* sp. 6 | 1 | 0 | 0 | 1 |
| *Diapetimorpha* sp. 7 | 4 | 1 | 1 | 6 |
| *Diapetimorpha* sp. 8 | 2 | 3 | 5 | 10 |
| *Diapetimorpha* sp. 9 | 6 | 1 | 0 | 7 |
| *Diapetimorpha* sp. 10 | 9 | 5 | 6 | 20 |
| *Diapetimorpha* sp. 11 | 9 | 3 | 8 | 20 |
| *Diapetimorpha* sp. 12 | 2 | 0 | 0 | 2 |
| *Diapetimorpha* sp. 13 | 1 | 0 | 0 | 1 |
| *Diapetimorpha* sp. 14 | 4 | 0 | 0 | 4 |
| *Diapetimorpha* sp. 15 | 8 | 4 | 6 | 18 |
| *Diploginma fulvithorax* | 1 | 0 | 0 | 1 |
| *Dismodix* sp. 1 | 4 | 0 | 1 | 5 |
| *Endasys gibbosus* | 8 | 0 | 14 | 22 |
| *Epicnemion* sp. 1 | 2 | 0 | 0 | 2 |
| *Glodianus* sp. 1 | 2 | 0 | 0 | 2 |
| *Hylophasma* sp. 1 | 1 | 0 | 0 | 1 |
| *Joppidium antennator* | 11 | 0 | 0 | 11 |
| *Joppidium* sp. 1 | 1 | 0 | 0 | 1 |
| *Joppidium* sp. 2 | 1 | 0 | 0 | 1 |
| *Lanugo yucatan* | 1 | 3 | 8 | 12 |
| *Latoscolum* sp. 1 | 2 | 0 | 0 | 2 |
| *Lymeon* sp. 1 | 2 | 0 | 0 | 2 |
| *Lymeon* sp. 2 | 0 | 1 | 0 | 1 |
| *Lymeon* sp. 3 | 0 | 1 | 0 | 1 |
| *Lymeon* sp. 4 | 3 | 1 | 0 | 4 |
| *Lymeon* sp. 5 | 1 | 0 | 0 | 1 |
| *Lymeon* sp. 6 | 1 | 0 | 0 | 1 |
| *Messatoporus compresicornis* | 0 | 0 | 1 | 1 |
| *Messatoporus* sp. 2 | 0 | 0 | 1 | 1 |
| *Pachysimoides* sp. 1 | 0 | 0 | 3 | 3 |
| *Polycyrtus* sp. 1 | 2 | 1 | 0 | 3 |
| *Polycyrtus* sp. 2 | 1 | 0 | 0 | 1 |
| *Polycyrtus* sp. 3 | 2 | 1 | 0 | 3 |
| *Xenarthron pectoralis* | 6 | 2 | 2 | 10 |
| **Total Cryptinae** | **229** | **93** | **142** | **464** |
| **Ctenopelmatinae** |  |  |  |  |
| *Physotarsus* sp. 1 | 6 | 7 | 0 | 13 |
| *Physotarsus* sp. 2 | 7 | 2 | 0 | 9 |
| **Total Ctenopelmatinae** | **13** | **9** | **0** | **22** |
| **Ichneumoninae** |  |  |  |  |
| *Carinodes* sp. 1 | 12 | 5 | 20 | 37 |
| *Carinodes* sp. 2 | 1 | 1 | 1 | 3 |
| *Carinodes* sp. 3 | 2 | 3 | 0 | 5 |
| *Carinodes* sp. 4 | 2 | 1 | 2 | 5 |
| *Carinodes* sp. 5 | 0 | 2 | 3 | 5 |
| *Carinodes* sp. 6 | 2 | 1 | 0 | 3 |
| *Carinodes* sp. 7 | 0 | 0 | 1 | 1 |
| Dilopharius sp. 1 | 1 | 1 | 0 | 2 |
| *Linycus* sp. 1 | 1 | 0 | 0 | 1 |
| *Lobaegis* sp. 1 | 2 | 0 | 0 | 2 |
| **Total Ichneumoninae** | **23** | **14** | **27** | **64** |
| **Labeninae** |  |  |  |  |
| *Grotea* sp. 1 | 1 | 0 | 0 | 1 |
| *Labena espinita* | 1 | 4 | 3 | 8 |
| *Labena littoralis* | 1 | 0 | 0 | 1 |
| **Total Labeninae** | **3** | **4** | **3** | **10** |
| **Lycorininae** |  |  |  |  |
| *Lycorina* sp. 1 | 0 | 1 | 0 | 1 |
| **Total Lycorininae** | **0** | **1** | **0** | **1** |
| **Mesochorinae** |  |  |  |  |
| *Mesochorinae* sp. 1 | 2 | **0** | **0** | 2 |
| *Mesochorinae* sp. 2 | 1 | 2 | **0** | 3 |
| *Mesochorinae* sp. 3 | 2 | **0** | **0** | 2 |
| *Stictopisthus* sp 1 | 1 | 1 | 1 | 3 |
| *Stictopisthus* sp. 2 | 2 | 1 | **0** | 3 |
| **Total Mesochorinae** | **8** | **4** | **1** | **13** |
| **Nonninae** |  |  |  |  |
| *Nonnus* sp. 1 | 0 | 1 | **0** | 1 |
| *Nonnus* sp. 2 | 0 | 0 | 1 | 1 |
| **Total Nonninae** | **0** | **1** | **1** | **2** |
| **Ophioninae** |  |  |  |  |
| *Enicospilus* sp. 1 | 1 | 4 | **0** | 5 |
| *Enicospilus* sp. 2 | 1 | 0 | **0** | 1 |
| *Enicospilus* sp. 3 | 0 | 1 | **0** | 1 |
| **Total Ophioninae** | **2** | **5** | **0** | **7** |
| **Orthocentrinae** |  |  |  |  |
| *Chilocyrtus* sp. 1 | 4 | 3 | **0** | 7 |
| *Chilocyrtus* sp. 2 | 2 | 0 | **0** | 2 |
| *Eusterix* sp. 1 | 16 | 3 | 15 | 34 |
| *Eusterix* sp. 2 | 29 | 1 | 3 | 33 |
| *Eusterix* sp. 3 | 4 | 0 | **0** | 4 |
| *Megaspilus* sp. 1 | 5 | 1 | 2 | 8 |
| *Megaspilus* sp. 2 | 1 | 0 | 2 | 3 |
| *Megaspilus* sp. 3 | 1 | 1 | 0 | 2 |
| *Megaspilus* sp. 4 | 0 | 0 | 1 | 1 |
| *Orthocentrus* sp. 1 | 10 | 8 | 7 | 25 |
| *Orthocentrus* sp. 2 | 23 | 1 | 6 | 30 |
| *Orthocentrus* sp. 3 | 1 | 0 | 2 | 3 |
| *Orthocentrus* sp. 4 | 1 | 1 | 0 | 2 |
| *Stenomacrus* sp. 1 | 1 | 2 | 2 | 5 |
| *Stenomacrus* sp. 2 | 1 | 0 | 0 | 1 |
| *Symplecis* sp. 1 | 1 | 0 | 1 | 2 |
| *Symplecis* sp. 2 | 9 | 7 | 5 | 21 |
| **Total Orthocentrinae** | **109** | **28** | **46** | **183** |
| **Pimplinae** |  |  |  |  |
| *Clydonium* sp. 1 | 1 | 0 | 0 | 1 |
| *Neotheronia* sp. 1 | 5 | 2 | 8 | 15 |
| *Neotheronia* sp. 2 | 4 | 2 | 0 | 6 |
| *Neotheronia* sp. 3 | 1 | 1 | 0 | 2 |
| *Neotheronia* sp. 4 | 2 | 0 | 0 | 2 |
| *Pimpla* sp. 1 | 0 | 0 | 3 | 3 |
| *Tromatobia* sp. 1 | 5 | 6 | 1 | 12 |
| **Total Pimplinae** | **18** | **11** | **12** | **41** |
| **Rhyssinae** |  |  |  |  |
| *Epirhyssa* sp. 1 | 0 | 1 | 0 | 1 |
| **Total Rhyssinae** | **0** | **1** | **0** | **1** |
| **Tersilochinae** |  |  |  |  |
| *Allophrys* sp. 1 | 6 | 1 | 1 | 8 |
| **Total Tersilochinae** | **6** | **1** | **1** | **8** |
| **Tryphoninae** |  |  |  |  |
| *Monoblastus* sp. 1 | 1 | 1 | **0** | 2 |
| *Netelia* sp. 1 | 1 | **0** | **0** | 1 |
| *Oedemopsis* sp. 1 | 3 | 2 | 7 | 12 |
| **Total Tryphoninae** | **5** | **3** | **7** | **15** |