Table S1. Specimens used in this study.

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| **Species** | **Identifiers (namespace=NCSU)** | **Methods** |
| *Acrosternum hilare* (Pentatomidae) | 55693 | Dissection |
| *Atymna querci* (Membracidae) | 53801, 55688 | Dissection |
| *Ceresa sp.* (Membracidae) | 55678, 55679 | Dissection, CLSM |
| *Corythucha pallida* (Tingidae) | 43250, 43251 | Dissection |
| *Cyrtolobus tuberosus* (Membracidae) | 28911, 28912 | Dissection |
| *Cyrtolobus vau* (Membracidae) | 53800, 53802–53804 | Dissection |
| *Leptocoris trivittatus* (Coreidae) | 55675, 55680 | Dissection, CLSM |
| *Leptoglossus fulvicornis* (Coreidae) | 17998, 17997 | Dissection, CLSM |
| *Lygus lineolaris* (Miridae) | 55681, 55682 | Dissection |
| *Magicicada septemdecim*(Cicadidae) | 45492, 45491 | Dissection |
| *Neoperkinsiella guaduae* (Delphacinae) | 45460, 45494 | Dissection |
| Notonectidaesp*.* (Notonectidae) | 43286, 43285, 43284 | Dissection, CLSM |
| *Platycotis vittata* (Membracidae) | 55684, 55683 | Dissection, CLSM |
| *Rhagovelia sp.* (Veliidae) | 17979, 17980 | Dissection |
| *Stictocephala bisonia*(Membracidae) | 45943 | µCT |
| *Xantholobus muticus* (Membracidae) | 55696, 55692 | Dissection |
| *Zanna madagascariensis* (Fulgoridae) | 45493 | Dissection |