**Table S5. Information on the specie names of Fig. 4**

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| ****Order**** | ****Full name**** | ****Abbreviation**** |
| Anisoptera | *Ladona fulva* | Lful |
| Coleoptera | *Agrilus zanthoxylumi* | Azan |
| *Anthocomus equestris* | Aequ |
| *Anthonomus grandis* | Agra |
| *Bitoma cylindrica* | Bcyl |
| *Brachypeplus habecki* | Bhab |
| *Byrrhus pilula* | Bpil |
| *Callosobruchus maculatus* | Cmac |
| *Capnodis tenebrionis* | Cten |
| *Chrysochroa mniszechii* | Cmni |
| *Chrysochroa rajah* | Craj |
| *Diabrotica virgifera* | Dvir |
| *Diorhabda carinulata* | Dcar |
| *Diorhabda sublineata* | Dsub |
| *Epicauta chinensis* | Echi |
| *Epuraea ocularis* | Eocu |
| *Eulasia bombylius* | Ebom |
| *Heterocerus fenestratus* | Hfen |
| *Lasioderma serricorne* | Lser |
| *Leptinotarsa decemlineata* | Ldec |
| *Lycostomus kraatzi* | Lkra |
| *Lygistopterus sanguineus* | Lsan |
| *Lytta caraganae* | Lcar |
| *Micronaspis floridana* | Mflo |
| *Mordella albosuturalis* | Malb |
| *Nedyus quadrimaculatus* | Nqua |
| *Nicrophorus vespilloides* | Nves |
| *Nitops pallipennis* | Npal |
| *Phausis reticulata* | Pret |
| *Photinus marginellus* | Pmar |
| *Priacma serrata* | Pser |
| *Protaetia brevitarsis* | Pbre |
| *Ptosima undecimmaculata* | Pund |
| *Pyractomena dispersa* | Pdis |
| *Sibinia setosa* | Sset |
| *Sinodendron cylindricum* | Scyl |
| *Steraspis amplipennis* | Samp |
| *Tribolium castaneum* | Tcas |
| *Tribolium madens* | Tmad |
| *Trichodes sinae* | Tsin |
| *Trirhabda eriodictyonis* | Teri |
| *Trixagus carinifrons* | Tcar |
| *Tychius meliloti* | Tmel |
| Diptera | *Anopheles darlingi* | Adar |
| *Culex quinquefasciatus* | Cqua |
| *Drosophila melanogaster* | Dmel |
| *Trichobius frequens* | Tfre |
| Ephemeroptera | *Ephemera danica* | Edan |
| Hemiptera | *Nilaparvata lugens* | Nlug |
| Hymenoptera | *Acromyrmex echinatior* | Aech |
| *Apis mellifera* | Amel |
| *Bombus impatiens* | Bimp |
| *Bombus terrestris* | Bter |
| *Camponotus atriceps* | Catr |
| *Camponotus floridanus* | Cflo |
| *Cataglyphis hispanica* | Chis |
| *Cyphomyrmex costatus* | Ccos |
| *Diachasma alloeum* | Dall |
| *Diprion similis* | Dsim |
| *Dufourea novaeangliae* | Dnov |
| *Melipona quadrifasciata* | Mqua |
| *Microplitis mediator* | Mmed |
| *Neodiprion lecontei* | Nlec |
| *Neodiprion virginianus* | Nvir |
| *Trachymyrmex cornetzi* | Tcor |
| *Trachymyrmex septentrionalis* | Tsep |
| *Trachymyrmex zeteki* | Tzet |
| Lepidoptera | *Papilio glaucus* | Pgla |
| Neuroptera | *Spodoptera frugiperda* | Sfru |
| *Apertochrysa prasina* | Apar |
| *Chrysoperla carnea* | Ccar |
| Raphidioptera | *Xanthostigma xanthostigma* | Xxan |
| Strepsiptera | *Stylops melittae* | Smel |
| Thysanoptera | *Frankliniella occidentalis* | Focc |
| *Megalurothrips usitatus* | Musi |
| *Thrips palmi* | Tpal |