DSCAM (left) vs. Mito (right) Pantala flavescens* Pantala flavescens Tanvotervx hageni ----Tanypteryx hageni* - Ischnura elegans Ischnura elegans----Schistocera serialis Platycnemis pennipes - Schistocera nitens Schistocerca serialis. Schistocerca nitens Schistocera cancellata Schistocerca cancellata Schistocera gregaria Schistocerca gregaria- - -Blattella germanica* Blattella germanica - - -Zootermopsis nevadensis Zootermopsis nevadensis -Cryptotermes secundus Cryptotermes secundus-Reticulitermes speratus ----- Lucilia cuprina Periplaneta americana -Drosophila pseudoobscura Lucilia cuprina ------ - Drosophila ficusphila Drosophila pseudoobscura -- Drosophila elegans Drosophila miranda-----Drosophila melanogaster Drosophila melanogaster----Drosophila simulans Drosophila simulans----Drosophila sechellia Drosophila sechellia - - - -Drosophila mauritiana Drosophila mauritiana----- Drosophila yakuba Drosophila yakuba ------ Drosophila erecta Drosophila santomea - - - rosophila subpulchrella Drosophila erecta Bicvclus anvnana Drosophila subpulchrella - Helicoverpa zea Drosophila biarmipes - - -Onthophagus taurus Drosophila ananassae -- Agrilus planipennis Chrysoperla carnea -Agrilus planipennis - --- Platypus cylindrus* Photinus pyralis------Sitophilus oryzae Platypus cylindrus----Dendroctonus ponderosae Sitophilus orvzae----Anthonomus grandis grandis Dendroctonus ponderosae Leptinotarsa decemlineata Anthonomus grandis-----Diabrotica virgifera virgifera Diabrotica virgifera virgifera-Anoplophora glabripennis Anoplophora glabripennis -- - - Tribolium madens Tribolium madens ----- - - Aethina tumida Aethina tumida-----Helicoverna zea------Chrysoperla carnea Neodiprion virginiana - - -Neodiprion virginiana Neodiprion fabricii------ Neodiprion fabricii Neodiprion lecontei-----Neodiprion lecontei Diprion similis------Diprion similis Athalia rosa · · · · · · · Athalia rosae Macrosteles quadrilineatus ---- Cephus cinctus Homalodisca vitripennis - -· - - - - Ooceraea biroi Cephus cinctus ------Pogonomyrmex barbatus Occeraea biroi-----Monomórium pharaonis Pogonomyrmex barbatus- ----Nvlanderia fulva Monomorium pharaonis---Fórmica exsecta Nvlanderia fulva----amponotus floridanus Formica exsecta -----Vespula pensylvanica Camponotus floridanus - -· · · · · Vespa velutina Vespula pensylvanica---- Vespa mandarinia Vespa velutina------ - - Vespa crabro Vespa mandarinia-----Polistes dominula Vespa crabro------Polistes fuscatus Polistes dominula ----tes canadensis canadensis Polistes fuscatus------ - Nomia melanderi Polistes canadensis canadensis ---- Osmia lignaria Osmia lignaria - - - - ----- Osmia bicornis bicornis Osmia bicornis-----· · · · · · · · Megachile rotundata Megachile rotundata---------Bombus vosnesenskii Bombus vosnesenskii----Bombus vancouverensis nearcticus Bombus vancouverensis nearcticus ----Cotesia alomerata Cotesia vestalis---Microplitis demolitor Microplitis demolitor -

Chelonus insularis-----

Aphidius gifuensis-----

-- Chelonus insularis

-Aphidius gifuensis