



URGENTLY WANTED

Specimens of the following species for the QBOL project

Fungi

Davidiella (Mycosphaerella) populorum (anamorph: *Septoria musiva*)
Mycosphaerella gibsonii (anamorph: *Cercoseptoria pini-densiflorae* = *Pseudocercospora pini-densiflorae*)
Mycosphaerella laricis-leptolepidis
Septoria lycopersici var. *malagutii* (= *Septoria malagutii*)
Melampsora farlowii
Ceratocystis fagacearum
Ceratocystis virescens

Arthropods

Bactrocera cucumis (French)
Bactrocera tryoni (Froggatt)
Bactrocera tsuneonis (Miyake)
Diabrotica barberi Smith & Lawrence
Draeculacephala minerva Ball
Euphranta japonica (Ito)
Graphocephala atropunctata (Signoret)
Heteronychus arator F.
Limonius californicus (Mannerheim)
Naupactus leucoloma Boheman
Neotalitrus haematoceps (Mulsant & Rey)
Rhagoletis fausta (Östen-Sacken)
Rhagoletis indifferens Curran
Rhagoletis mendax Curran
Rhagoletis ribicola Doane
Scirtothrips aurantii Faure
Scirtothrips citri (Moulton)
Spodoptera eridania (Cramer)
Unaspis citri (Comstock)
Acleris gloverana (Walsingham)
Aeolesthes sarta (Solsky, 1871)
Anastrepha suspensa Loew
Anthonomus bisignifer Schenkling
Anthonomus eugenii Cano
Anthonomus quadrigibbus Say
Anthonomus signatus Say
Arrhenodes minutus (Drury)
Aschistonyx eppoi Inouye

Blitopertha orientalis (Waterhouse)
Carneocephala fulgida Nottingham
Carposina niponensis (Walsingham)
Choristoneura conflictana (Walker)
Choristoneura rosaceana (Harris)
Circulifer tenellus (Baker)
Conotrachelus nenuphar (Herbst)
Ctenarytaina spatulata Taylor
Cydia inopinata (Heinrich)
Cydia packardi (Zeller)
Cydia prunivora (Walsh)
Erschoviella musculana Ershov
Euphranta canadensis (Loew)
Gnathotrichus sulcatus (LeConte)
Hishimonus phycitis (Distant)
Lepidosaphes ussuriensis (Borchsenius)
Lissorhoptrus oryzophilus Kuschel
Listronotus bonariensis (Kuschel)
Lopholeucaspis japonica (Cockerell)
Lygus lineolaris (Palisot de Beauvois)
Lymantria mathura Moore
Malacosoma americanum F.
Margarodes prieskaensis (Jakubski)
Margarodes vitis (Phillipi)
Margarodes vredendalensis de Klerk
Melanotus communis (Gyllenhal)
Myndus crudus Van Duzee
Oligonychus perditus Pritchard & Baker
Oligonychus perseae Tuttle, Baker & Abbatiello
Phaedon brassicae Baly
Premnotrypes latithorax (Pierce)
Premnotrypes suturicallus Kuschel
Premnotrypes vorax (Hustache)
Raoiella indica Hirst
Rhizoecus hibisci Kawai & Takagi
Scaphoideus luteolus Van Duzee
Strobilomyia viaria (Huckett)
Trioza erytraeae (del Guercio)

Bacteria

Clavibacter michiganensis subsp. *michiganensis*
Clavibacter michiganensis subsp. *sepedonicus*
Clavibacter michiganensis subsp. *insidiosus*
Xanthomonas perforans
Xanthomonas gardneri
Xanthomonas axonopodis pv. *dieffenbachiae* isolated from *Syngonium*
Xylella fastidiosa subsp. *sandyi*
Xylella fastidiosa subsp. *pauca*

Nematodes

Bursaphelenchus chengi
Bursaphelenchus doui
Bursaphelenchus thailandae
Heterodera glycines
Longidorus diadecturus
Nacobbus aberrans
Xiphinema bricolense
Xiphinema californicum

Phytoplasms

Palm lethal yellowing
Ca. Phytoplasma brasiliense
Ca. P. japonicum
Ca. P. castanea
Ca. P. phoenicum
Ca. P. cynodontis
Ca. P. luffae
Ca. P. spartii

Contact:

Dr. Peter Bonants, Coordinator QBOL

Peter.bonants@wur.nl

www.qbol.org