

Reported Plant Hosts of Pink Hibiscus Mealybug (PHM)

prepared by Joe Garofalo*, and William R. Graves*

Scientific Name Common Name

*Abelmoschus esculentus** okra
Aberia (=Dovyalis) sp Ceylon gooseberry
Abutilon theophrasti (=avicennae) velvetleaf
Acacia nilotica (=arabica)* (gum-arabic),
farnesiana (sweet acacia), + other spp
*Acalypha hispida** (chenille plant), *indica* (Indian
nettle), *marginata* (copperleaf)
Acanthus ilicifolius bear's breeches
Achyranthes indica man better man
Aegle marmelos bael
Aglaonema sp silver queen
*Albizia caribaea** & *niopoides** (both tantakayo),
*lebbek** (woman's tongue), *saman* (=Samanea
saman)* (saman)
Allamanda cathartica yellow buttercup
Alocasia cucullata Chinese taro
Alpinia spp* shell gingers
Alternanthera joseph's coat (a Florida host)
Amaranthus sp bhagi
*Annona cherimolya** (cherimoya), *muricata**
(soursop), *reticulata** (custard apple), a hybrid
(atemoya), *squamosa** (sugar apple)
Anthurium andraeanum anthurium
Arachis hypogaea peanut
Aralia sp* aralia
*Artocarpus altilis** breadfruit
*Artocarpus communis** breadnut
Asparagus densiflorus (asparagus fern), *officinalis*
(asparagus), *setaceus* (bridal fern)
*Averrhoa carambola** carambola
Azadirachta indica neem
*Basella alba** poi spinach
*Bauhinia variegata** (orchid tree), *acuminata*,
racemosa, *vahlilii* (wild orchid tree), *forficata*,
pruinosa (=candicans)*, (bauhinia)
Begonia sp a begonia
*Beta vulgaris** beet
Bidens pilosa Spanish needles
Bignonia sp trumpet flower
Blighia sapida ackee

*Boehmeria nivea** ramie
Bougainvillea spectabilis bougainvillea
Brassia actinophylla, other spp schefflera
Bursera simaruba gumbo-limbo (a Florida host)
*Caesalpinia coriaria** (divi divi), *decapetala*
(=sepiaria) (caesalpinia), *pulcherrima* (pride-
of-Barbados)
Cajanus cajan (=C. *indicus*)* pigeon pea
Calliandra sp powder puff
*Cananga odorata** ylang-ylang
Callistemon sp bottlebrush
*Capsicum annum** (sweet pepper), *frutescens**
(hot pepper)
Carica papaya papaya
Carissa macrocarpa Natal plum, + other spp:
C. acuminata, *ovata*, *glauca*, *renigera*
Casuarina sp an Australian pine
Catharanthus roseus periwinkle
Ceiba pentandra kapok
Celosia cristata rooster comb
*Ceratonia siliqua** carob
*Cestrum nocturnum** night-blooming jasmine
*Chaleas paniculata** sweet lime
Chenopodium album lambsquarters
Chrysanthemum coronarium + other wild daisies
Chrysothemis pulchella generiad
Cissus verticillata snake vine
Citrus aurantifolia (lime), *aurantium* (sour or.),
medica (citron), *paradisi* (grapefruit),
reticulata (tangerine), *sinensis* (sweet orange)
Clerodendron
aculeatum(bitterfence),*infortunatum*
Clitoria ternata butterfly pea
*Coccoloba uvifera** sea grape
Cocos nucifera coconut
Codiaeum (=Croton) *flavens** +other spp*crotons
Coffea arabica Arabian coffee
Colocasia esculenta elephant ear, malanga
*Colubrina arborescens** mauby
Corchorus olitorius a jute
*Cordia curassavica** black sage
Cordyline terminalis cordyline

Cosmos spp* cosmos
*Couroupita guianensis** cannonball
Cratageus spp hawthorns
Crescentia cujete calabash tree
*Cucumis sativus** cucumber
*Cucurbita maxima** (pumpkin), *moschata**
(calabaza), *pepo** (squash)
Cydonia (=Pyrus) *oblonga* quince
Cynara scolymus artichoke
Cyperus sp a sedge
Chrysothemis pulchella gesneriad
Dahlia sp dahlia
Daradixa sp a grass
Datura spp angel trumpet
*Daucus carota** carrot
Delonix (=Poinciana) *regia* royal poinciana
Dendrobium cvs moth orchids
Dieffenbachia spp dumb cane
Dioscorea spp yam
Diospyros kaki Japanese persimmon
Dizygotheca elegantissima false aralia
Dracaena sp dracaena
*Duranta repens**, *plumieri* golden dewdrop
Elaeagnus sp lingaro, olive
Emilia spp tassel flower
Equisetum arvense horsetail
Eranthemum pulchellum (=nervosum) blue sage
Eriobotrya japonica loquat
Erthrina variegata variegated immortelle
Ervatamia coronaria pinwheel jasmine
Eryngium foetidum shadow beni
*Erythrina corallodendron** (coral tree), *crista-*
*galli** (cry-baby tree), *resinifera**, *speciosa**,
*reticulata**, *stricta**, *indica**, *variegata**
(sunshine tree), *vespertilio** (batwing coral
tree), + other spp
Erythroxylum sp coca
Eugenia jambolana Java plum
Eugenia malaccensis pommerac
Euphorbia pulcherrima (poinsettia),+ other spp
*Ficus benghalensis** (Indian banyan), *benjamina**
(weeping fig), *nitida** (Cuban laurel), *carica**

(edible fig), *cunia*, *elastica** (rubber plant)*,
indica, *laurifolia*, *platyphylla*, *religiosa** (bo
tree), *sycomorus** (sycamore fig), *virens*,
infectoria.
Flacourtia indica series
Gerbera sp gerbera
*Glycine max** soybean
*Glyricidia sepium** glyricidia
Gossypium arboreum tree cotton
Gossypium herbaceum levant cotton
*Grevillea robusta** silk-oak
Grewia sp a star flower
Haldina cordifolia haldu
Hamelia patens firebush (a Florida host)
Heliconia spp* heliconia
Hibiscus acetosella (maroon mallow), *boryanus*,
manihot, *surrattensis* (wild mallows),
*cannabinus** (kenaf), *elatus** (blue mahoe),
*mutabilis** (Confederate rose), *rosa-sinensis**
(Chinese hibiscus), *sabdariffa altissimus**
(roselle), *sabdariffa sabdariffa** (sorrel),
*schizopetalus** (coral hibiscus), *syriacus**
(rose-of-sharon), *tiliaceus* (mahoe)
*Holmskia sanguinea** Chinese hat
Inga sp ice cream bean
*Ipomoea batatas** (sweet potato), + a morning glory
tree
Ixora spp* ixora (a Florida host)
Jacaranda mimosifolia jacaranda
Jasminum sambac (grand duke of Tuscany), + other
spp of jasmine
Kalanchoe spp kalanchoe
Kigelia spp sausage tree
*Lactuca sativa** lettuce
*Lagerstroemia speciosa** queen crapemyrtle
Lantana camara lantana
Laportea aestuans stinging nettle
*Leonotis nepetifolia** honeysuckle
*Leuceana glauca** leuceana
Lighia sapida ackee
*Lycopersicon esculentum** tomato
*Malpighia glabra** Barbados cherry

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Malvaviscus arboreus turk's cap
*Mangifera indica** mango
Manihot esculenta cassava
*Manilkara zapota** sapodilla
Medicago sativa alfalfa
Melia azederach chinaberry
*Melicocca bijuga** genip
*Miconia cornifolia** mal estomac
Mikania cordata a hempweed
*Mimosa pudica** (sensitive plant), + *rubicaulis*
Mormordica charantia balsam pear (a Florida host)
*Morus alba**(white mulberry),*nigra* (black mulberry)
Murraya exotica (sweet lime), *koenigii* (curry leaf),
*paniculata** (orange jasmine)
Musa spp* bananas
Mussaenda spp* mussaenda
Myrtus communis myrtle
Nephrolepis biserrata furcans (fishtail fern),
exaltata (Boston fern)
Nerium oleander (oleander), *odorum* (an oleander)
Opuntia sp prickly pear
Pachystachys lutea yellow shrimp plant
Paritium sp old name for hibiscus
*Parkinsonia aculeata** Jerusalem thorn
Parthenium hysterophorus whitehead
*Passiflora edulis** (passion fruit), *granadilla**
(barbadeen), *quadrangularis** (giant granadilla)
Pavonia sp none
Peperomia pellucida a peperomia
Pereskia bleo African rose
*Persea americana** avocado
*Petiveria alliancea** maouipoui
*Petrea arborea** petrea
Phaseolus mungo(mung bean), *vulgaris**(snapbean)
Philodendron spp philodendrons
Phoenix dactylifera (true date palm), *sylvestris*
(wild date)
*Phyllanthus acidus** damson
Prunus persica peach
*Psidium guajava** guava
Punica granatum pomegranate
Pyrus communis pear
Quisqualis sp Rangoon creeper
Rhoeo sp an oyster plant

Ricinus communis castorbean
*Rivinia humilis** cats blood
*Robinia pseudoacacia** black locust
Rosa spp roses
*Russellia equisetifolia** firecracker
Saccharum officinarum sugarcane
Salix sp a willow
Schefflera arboricola arboricola (a Florida host)
Schinus molle Calif. peppertree
Schinus terebenthifolius Brazilian pepper
Sciadophyllum pulchrum none
Scindapsus aureus pothos, devil's ivy
Scoparia dulcis sweet broom
*Senna italica, sulfurea, & obtusifolia** wild sennas
Senna siamea cassia
Sesbania sesban (=aegyptiaca) sesbania
Sida acuta broom weed
Solanum aethiopicum, bicolor (ornam nightshades),
melongena (eggplant), *tuberosum* (Irish potato)
Spermacoce verticillata shrubby false buttonweed
(a Florida host)
*Spondias chili** (plum), *cytherea**, *dulcis** (golden
apple), *mombin** (hog plum), *purpurea** (red
plum), *purpurea var. lutea** (yellow plum)
Stachytarpheta jamaicensis vervine
Symedrella nodiflora a weed
Syngonium podophyllum nephtitis
*Syzygium cumini** (Java plum), *malaccense**
(French cashew)
Tabebuia heterophylla, other spp* trumpet trees
Tabernaemontana divaricata pinwheel jasmine
Tamarindus indica tamarind
*Tecoma capensis, grandiflora** trumpet flowers
*Tecoma stans** yellow elder
*Tectona grandis** teak
Templetonia sp coral bush
Terminalia catappa, mantaly tropical almonds
*Theobroma cacao** cocoa
*Thunbergia erecta** bush thunbergia
Tithonia urticifolia Mexican sunflower
Trema micranthum Florida trema (a Florida host)
*Vigna unguiculata** cowpea
Vinca minor periwinkle vine
Vitis vinifera grape
Xanthosama spp. an elephant ear

Zea mays corn
Zizyphus jujuba (vulgaris) (jujube), mauritiana**
(Indian jujube), *mucronata, spina-christi**

Hosts reported with damaging populations of PHM have a asterisk (*) after the scientific name. They may or may not be cultivated plants. A local host list will be made in time, based on actual local finds. In the meantime, this list serves as a guide in the search for local hosts.

Root infestations are reported in some hosts: potatoes, peanuts, beans, cotton, some grasses. Keep in mind that the literature may have misidentifications of PHM, and some of the scientific names may be older synonyms.

To make this list more useful to M-D nurserymen, local common names have been used.

This list is based on appendix A of: Meyerdirk, D.E. *et al.* 2000. *Biological control of pink hibiscus mealybug project manual.* USDA.

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In Writing

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