

Slides Outline

1 Rugose Spiraling Whitefly – Host Plants

2 Rugose Spiraling Whitefly – Host Plants

3 Rugose Spiraling Whitefly – Common Ornamental Host Plants

4 Rugose Spiraling Whitefly – Palm Hosts

5 Rugose Spiraling Whitefly – Edible Host Plants

6 Rugose Spiraling Whitefly – Host Plants (Woods, native, invasive and less common plants)

Rugose Spiraling Whitefly – Host Plants

- ▶ *Acalypha wilkesiana* (Copperleaf)
- ▶ *Adonia merrillii* (Christmas palm)
- ▶ *Albizia lebbek* (Woman's tongue)
- ▶ *Annona* sp. (Sugarapple)
- ▶ *Araucaria heterophylla* (Norfolk island pine)
- ▶ *Archontophoenix cunninghamiana* (Banalow or King palm)
- ▶ *Basella alba* (Malabar spinach)
- ▶ *Bauhinia* sp. (Orchid tree)
- ▶ *Bischofia javanica* (Javanese bishopwood)
- ▶ *Bougainvillea* sp.
- ▶ *Brassica rapa* (Turnip)
- ▶ *Bucida buceras* (Black olive)
- ▶ *Bursera simaruba* (Gumbo limbo)
- ▶ *Calophyllum* species
- ▶ *Catharanthus roseus* (Madagascar periwinkle)
- ▶ *Ceiba* sp.
- ▶ *Chamaedorea* sp. (Bamboo palm)
- ▶ *Chrysobalanus icaco* (Cocoplum)
- ▶ *Chrysophyllum oliviforme* (Satinleaf)
- ▶ *Cissus verticillata* (Seasonvine)
- ▶ *Citrus* sp. (citrus)
- ▶ *Cnidioscolus chamamansa* (Tree spinach)
- ▶ *Coccoloba diversifolia* (pigeon plum)
- ▶ *Coccoloba uvifera* (seagrape)
- ▶ *Cocos nucifera* (Coconut palm)
- ▶ *Cocothrinax* sp.
- ▶ *Conocarpus erectus* (Buttonwood)
- ▶ *Cordyline fruticosa* (Hawaiian ti)
- ▶ *Dictyosperma album* (Hurricane palm)
- ▶ *Dracaena marginata*
- ▶ *Duranta erecta* (Golden dewdrops)
- ▶ *Dyopsis lutescens* (Areca palm)
- ▶ *Eugenia uniflora* (Surinam cherry)
- ▶ *Ficus aurea* (Strangler fig)
- ▶ *Ficus beniamina* (weeping fig)
- ▶ *Ficus carica* (Edible fig)
- ▶ *Ficus microcarpa* (Cuban laurel)
- ▶ *Hyophorbe verschaffeltii* (Spindle palm)
- ▶ *Inga* sp.
- ▶ *Ixora* sp. (Jungleflame)
- ▶ *Jasminum multiflorum* (Star jasmine)
- ▶ *Jatropha integerrima* (Peregrina)
- ▶ *Laurus nobilis* (Sweet bay, bay laurel)
- ▶ *Leea guineensis* (West Indian holly)
- ▶ *Lysiloma latisiliquum* (False tamarind)
- ▶ *Lysiloma sabicu* (Horseflesh mahogany)
- ▶ *Manifera indica* (Mango)
- ▶ *Manilkara roxburghiana*
- ▶ *Manilkara zapota* (Sapodilla)
- ▶ *Melicoccus bijuaatus* (Spanish lime)
- ▶ *Myrcianthes fragrans* (Simpson's stopper)

From: I. Stocks. DPI. May 2012

Click to add notes

Slide 1 of 6 "Office Theme" 90%

Slides Outline x

1 Rugose Spirling Whitefly – Host Plants

2 Rugose Spirling Whitefly – Host Plants

3 Rugose Spirling Whitefly – Common Ornamental Host Plants

4 Rugose Spirling Whitefly – Palm Hosts

5 Rugose Spirling Whitefly – Edible Host Plants

6 Rugose Spirling Whitefly – Host Plants (Weeds, Palms, Insects and Insectivorous plants)

Rugose Spirling Whitefly – Host Plants

- ▶ *Musa* sp. (Banana)
- ▶ *Myrica cerifera* (Wax myrtle)
- ▶ *Ochrosia elliptica* (Elliptic yellowwood)
- ▶ *Ocimum basilicum* (Sweet basil)
- ▶ *Ocotea coriacea* (Lancewood)
- ▶ *Parthenocissus quinquefolia* (Virginia creeper)
- ▶ *Persea americana* (Avocado)
- ▶ *Phoenix roebelenii* (Pigmy palm)
- ▶ *Pinanga coronata* (Ivory cane palm)
- ▶ *Pithecellobium keyense* (Florida Keys blackbead)
- ▶ *Pluchea carolinensis* (Cure-for-all)
- ▶ *Plumeria pudica* (White frangipani)
- ▶ *Plumeria rubra* (Frangipani)
- ▶ *Podocarpus* sp.
- ▶ *Pongamia pinnata* (Karum tree, poonga-oil tree)
- ▶ *Psidium guajava* (Guava)
- ▶ *Quercus virainiana* (Live oak)
- ▶ *Rapanea punctata* (Myrsine)
- ▶ *Rosa* sp. (Rose)
- ▶ *Sabal palmetto* (Sabal palm)
- ▶ *Saccharum officinarum* (sugarcane)
- ▶ *Saaitaria latifolia* (Broadleaf arrowhead)
- ▶ *Schefflera actinophylla* (Umbrella tree)
- ▶ *Schinus terebinthifolius* (Brazilian pepper)
- ▶ *Sideroxylon salicifolium* (Willow busic)
- ▶ *Sideroxylon foetidissimum* (False mastic)
- ▶ *Simarouba glauca* (Paradise tree)
- ▶ *Smilax auriculata* (Earleaf greenbrier)
- ▶ *Spondias* sp.
- ▶ *Spondias mombin*
- ▶ *Spondias purpurea* (Purple mombin)
- ▶ *Strelitzia nicolai* (White bird of paradise)
- ▶ *Strelitzia reginae* (Bird of paradise)
- ▶ *Syzygium cumini* (Java plum)
- ▶ *Syzygium jambos* (Malabar plum, rose apple)
- ▶ *Tabebuia* species (trumpet tree)
- ▶ *Terminalia catappa* (Tropical almond)
- ▶ *Thespesia populnea* (Portia tree)
- ▶ *Veitchia* sp.
- ▶ *Veitchia arecina* (Montgomery palm)
- ▶ *Vitis rotundifolia* (Muscadine)
- ▶ *Washingtonia robusta* (Washington fan palm)
- ▶ *Wodyetia bifurcata* (Foxtail palm)
- ▶ *Zanthoxylum fagara* (Wild lime)
- ▶ *Zeuxine strateumatica*

pm: I. Stocks, DPI, May2012

Click to add notes

Slide 2 of 6 "Office Theme"

start Caldwell,Doug L ... Dr. Dougbug & C... Rugose spiraling ... Jasc Paint Shop ... 3 Microsoft Off... Jasc Paint Shop ... Document1 - Mic... 3:11 PM

Slides Outline

1 Rugose Spiraling Whitefly – Host Plants

2 Rugose Spiraling Whitefly – Host Plants

3 Rugose Spiraling Whitefly – Common Ornamental Host Plants

4 Rugose Spiraling Whitefly – Palm Hosts

5 Rugose Spiraling Whitefly – Edible Host Plants

6 Rugose Spiraling Whitefly – Host Plants (Wildlife, native, invasive and less common plants)

Rugose Spiraling Whitefly – Common Ornamental Host Plants

- ▶ *Acalypha wilkesiana* (Copperleaf)
- ▶ *Bauhinia* sp. (Orchid tree)
- ▶ *Bischofia javanica* (Javanese bishopwood)
- ▶ *Bougainvillea* sp.
- ▶ *Bucida buceras* (Black olive)
- ▶ *Bursera simaruba* (Gumbo limbo)
- ▶ *Calophyllum* species
- ▶ *Catharanthus roseus* (Madagascar periwinkle)
- ▶ *Ceiba* sp.
- ▶ *Chrysobalanus icaco* (Cocoplum)
- ▶ *Chrysophyllum oliviforme* (Satinleaf)
- ▶ *Coccoloba diversifolia* (pigeon plum)
- ▶ *Coccoloba uvifera* (seagrape)
- ▶ *Conocarpus erectus* (Buttonwood)
- ▶ *Cordyline fruticosa* (Hawaiian ti)
- ▶ *Dracaena marginata*
- ▶ *Duranta erecta* (Golden dewdrops)
- ▶ *Ficus aurea* (Strangler fig)
- ▶ *Ficus benjamina* (weeping fig)
- ▶ *Ficus carica* (Edible fig)
- ▶ *Ficus microcarpa* (Cuban laurel)
- ▶ *Ixora* sp. (Jungleflame)
- ▶ *Jasminum multiflorum* (Star jasmine)
- ▶ *Jatropha inteagrifolia* (Peregrina)
- ▶ *Laurus nobilis* (Sweet bay, bay laurel)
- ▶ *Lysiloma latisiliquum* (False tamarind)
- ▶ *Lysiloma sabicu* (Horseflesh mahogany)
- ▶ *Myrica cerifera* (Wax myrtle)
- ▶ *Ochrosia elliptica* (Elliptic yellowwood)
- ▶ *Parthenocissus quinquefolia* (Virginia creeper)
- ▶ *Plumeria pudica* (White frangipani)
- ▶ *Plumeria rubra* (Frangipani)
- ▶ *Podocarpus* sp.
- ▶ *Pongaia pinnata* (Karum tree, poonga-oil tree)
- ▶ *Quercus virginiana* (Live oak)
- ▶ *Rosa* sp. (Rose)
- ▶ *Schefflera actinophylla* (Umbrella tree)
- ▶ *Simarouba glauca* (Paradise tree)
- ▶ *Strelitzia nicolai* (White bird of paradise)
- ▶ *Strelitzia reginae* (Bird of paradise)
- ▶ *Syzygium cumini* (Java plum)
- ▶ *Syzygium jambos* (Malabar plum, rose apple)
- ▶ *Tabebuia* species (trumpet tree)
- ▶ *Terminalia catappa* (Tropical almond)

Click to add notes

Slide 3 of 6 "Office Theme" 90%

Slides Outline

- 1 Rugose Spiraling Whitefly – Host Plants
- 2 Rugose Spiraling Whitefly – Host Plants
- 3 Rugose Spiraling Whitefly – Common Ornamental Host Plants
- 4 Rugose Spiraling Whitefly – Palm Hosts
- 5 Rugose Spiraling Whitefly – Cabbage Host Plants
- 6 Rugose Spiraling Whitefly – Other Host Plants (Wax Myrtle, Olive and Wax Myrtle plants)

Rugose Spiraling Whitefly – Palm Hosts

- ▶ *Adonidia merrillii* (Christmas palm)
- ▶ *Phoenix roebelenii* (Pigmy palm)
- ▶ *Archontophoenix cunninghamiana* (Bangalow or King palm)
- ▶ *Pinanga coronata* (Ivory cane palm)
- ▶ *Chamaedorea* sp. (Bamboo palm)
- ▶ *Sabal palmetto* (Sabal palm)
- ▶ *Cocos nucifera* (Coconut palm)
- ▶ *Veitchia* sp.
- ▶ *Veitchia arecina* (Montgomery palm)
- ▶ *Cocothrinax* sp.
- ▶ *Washingtonia robusta* (Washington fan palm)
- ▶ *Dictyosperma album* (Hurricane palm)
- ▶ *Wodyetia bifurcata* (Foxtail palm)
- ▶ *Dypsis lutescens* (Areca palm)
- ▶ *Hyophorbe verschaffeltii* (Spindle palm)

Click to add notes

Note: cabbage palm not a favorite host (yet). Doug C.

From: I. Stocks. DPI. May 2012

Slide 4 of 6 "Office Theme"
90%

Slides Outline x

1 Rugose Spiraling Whitefly – Host Plants

2 Rugose Spiraling Whitefly – Host Plants

3 Rugose Spiraling Whitefly – Common Ornamental Host Plants

4 Rugose Spiraling Whitefly – Palm Hosts

5 Rugose Spiraling Whitefly – Edible Host Plants

6 Rugose Spiraling Whitefly – Host Plants (Worksheets, research and lesson plan)

Rugose Spiraling Whitefly – Edible Host Plants

- ▶ *Annona sp.* (Sugarapple)
- ▶ *Basella alba* (Malabar spinach)
- ▶ *Brassica rapa* (Turnip)
- ▶ *Citrus sp.* (citrus)
- ▶ *Cnidoscolus chayamansa* (Tree spinach)
- ▶ *Cocos nucifera* (Coconut palm)
- ▶ *Eugenia uniflora* (Surinam cherry)
- ▶ *Ficus carica* (Edible fig)
- ▶ *Inga sp.*
- ▶ *Leea guineensis* (West Indian holly)
- ▶ *Mangifera indica* (Mango)
- ▶ *Manilkara roxburghiana*
- ▶ *Manilkara zapota* (Sapodilla)
- ▶ *Melicoccus biiugatus* (Spanish lime)
- ▶ *Musa sp.* (Banana)
- ▶ *Ocimum basilicum* (Sweet basil)
- ▶ *Persea americana* (Avocado)
- ▶ *Psidium guajava* (Guava)
- ▶ *Saccharum officinarum* (sugarcane)
- ▶ *Spondias sp.*
- ▶ *Spondias mombin*
- ▶ *Spondias purpurea* (Purple mombin)
- ▶ *Syzygium cumini* (Java plum)
- ▶ *Syzygium jambos* (Malabar plum, rose apple)
- ▶ *Vitis rotundifolia* (Muscadine)

Click to add notes

Slide 5 of 6 "Office Theme" 90%

Slides Outline

2 Rugose Spiraling Whitefly – Host Plants

3 Rugose Spiraling Whitefly – Common Ornamental Host Plants

4 Rugose Spiraling Whitefly – Palm Hosts

5 Rugose Spiraling Whitefly – Solite Host Plants

6 Rugose Spiraling Whitefly – Host Plants (Weeds, native, invasive and less common plants)

Rugose Spiraling Whitefly – Host Plants (Weeds, native, invasive and less common plants)

- ▶ *Albizia lebbbeck* (Woman's tongue)
- ▶ *Araucaria heterophylla* (Norfolk island pine)
- ▶ *Catharanthus roseus* (Madagascar periwinkle)
- ▶ *Cissus verticillata* (Seasonvine)
- ▶ *Cnidocolus chayamansa* (Tree spinach)
- ▶ *Myrcianthes fraarans* (Simpson's stopper)
- ▶ *Ocotea coriacea* (Lancewood)
- ▶ *Pithecellobium keyense* (Florida Keys blackbead)
- ▶ *Pluchea carolinensis* (Cure-for-all)
- ▶ *Rapanea punctata* (Myrsine)
- ▶ *Schinus terebinthifolius* (Brazilian pepper)
- ▶ *Sideroxylon salicifolium* (Willow bustic)
- ▶ *Sideroxylon foetidissimum* (False mastic)
- ▶ *Smilax auriculata* (Earleaf greenbrier)
- ▶ *Thespesia populnea* (Portia tree)
- ▶ *Zanthoxylum faagara* (Wild lime)
- ▶ *Zeuxine strateumatica*

From: I. Stocks, DPI, May 2012

Click to add notes

Slide 6 of 6 "Office Theme" 90%