

I.I.S. CYCLURA ISLAND HABITAT CLASSIFICATION SYSTEM

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Small Island/Low Diversity

Reference islands: Green Cay and Low Cay (both in San Salvador complex)

32 species of plants or less present. Island is less than thirty acres, windblown with few sheltered areas. Sand or rock ridges or both.

● = Very abundant ■ = Moderate ▲ = Uncommon
 ? = uncertain identification x = non-native

LOW CAY

- | | |
|-----------------------------------|--------------------------|
| ■ Agave sp. | Agave |
| ● Ambrosia hispida | Coastal Ragweed |
| ▲ Argusia gnaphalodes | Sea Lavender |
| ▲ Avicennia germinans | Black Mangrove |
| ■ Borrichia arborescens | Sea Ox-eye Daisy |
| ▲ Bumelia americana | Wild Saffron, Milk-berry |
| ■ Cenchrus incertus | Sandspur |
| ▲ Chamaesyce mesembryanthemifolia | Spurge |
| ▲ Chamaesyce sp. 1 | — |

- | | |
|--------------------------------|--------------------------|
| ▲ Chamaesyce sp. 2 | — |
| ■ Cocoloba uvifera | Seagrape |
| ▲ Conocarpus erectus | Green buttonwood |
| ▲ Cynanchum bahamense | — |
| ▲ Cyperus sp. | Sedge |
| ▲ Distichlis spicata | Salt-grass |
| ▲ Eleusine indica? | Goosegrass |
| ▲ Guapira discolor | Blolly |
| ▲ Ipomoea imperati | Fiddleleaf Morning Glory |
| ● Ipomoea violacea | Coastal Moon-vine |
| ▲ Manilkara bahamensis | Wild Dilly |
| ▲ Opuntia nashii | Nash's Prickly-pear |
| ● Opuntia stricta var. dilleni | Common Prickly-pear |
| ▲ Pithecellobium guadalupense | Black Bead |
| ▲ Scaevola plumieri | Inkberry |
| ● Sesuvium portulacastrum | Seaside Purslane |
| ■ Spartina patens | Saltmeadow Cordgrass |
| ■ Sporobolus virginicus | Seashore Dropseed |
| ▲ Suriana maritima | Bay Cedar |
| ● Uniola paniculata | Sea Oats |
| ■ Ximения americana | Hog Plum |



San Salvador iguana, *Cyclura rileyi*, on Green Cay among the Sea Ox-Eye Daisy, *Borrichia arborescens*.
 Photograph: Rena Burch

Small Island/Medium Diversity

Reference islands: Leaf Cay (part of Allans Cays), Guana Cay (San Salvador complex), and X Cay in the Northern Exumas

More than 32 plant species present. Island is more than 10 acres, and has sheltered areas and may be in the lee of larger landmass. Several habitats present.

● = Very abundant ■ = Moderate ▲ = Uncommon
? = uncertain identification x = non-native

LEAF CAY

▲ Acacia choriophylla	Cinnecord
▲ Amyris elemifera	Torchwood
■ Antirhea myrtifolia	Antirhea
▲ Argythamnia lucayana	Argythamnia
■ Bumelia americana	Wild Saffron, Milk-berry
▲ Calliandra formosa (?)	White calliandra
● Casasia clusiifolia	7-year apple
■ Cocoloba diversifolia	Pigeon plum
● Coccothrinax argentata	Silver palm
▲ Cocos nucifera	Coconut
■ Conocarpus erectus	Green buttonwood
● Conocarpus erectus var. sericeus	Silver buttonwood
▲ Crossopetalum rhacoma (?)	Poison cherry
▲ Cyperus sp.	Sedge
▲ Distichlis spicata	Salt-grass
■ Erithalis fruticosa	Black torch
■ Ernodea littoralis	Golden creeper
▲ Eugenia axillaris	White stopper
▲ Eugenia foetida	Spanish stopper
■ Guaiacum sanctum	Lignum vitae
● Guapira discolor	Bolly
▲ Hymenocallis sp.	Spider lily
▲ Iresine flavescens	Coastal iresine
▲ Iva sp. (?)	—
● Jacquinia keyensis	Joewood
● Manilkara bahamensis	Wild dilly
▲ Mastichodendron foetidissimum	Mastic
▲ Opuntia nashii	Nash's prickly-pear
▲ Opuntia stricta var. dillenii	Common prickly-pear
▲ Paspalum distichum	Knot grass
■ Pithecellobium bahamensis	Bahama Cat's-claw
■ Pithecellobium guadalupense	Black bead
■ PseudophAoenix sargentii	Cherry palm
▲ Psidium sp.	Stopper
● Reynosia septentrionalis	Darling plum
● Rhachicallis americana	Hog-bush
▲ Savia bahamensis	Maidenbush
▲ Sesuvium portulacastrum	Seaside purslane
▲ Solanum bahamense	Bahama nightshade
■ Sophora tomentosa	Necklace pod
▲ Spartina patens	Saltmeadow cordgrass
▲ Sporobolus virginicus	Seashore dropseed
▲ Strumpfia maritima	Strumpfia
● Suriana maritima	Bay cedar

- *Thrinax morrisii*
- ▲ *Uniola paniculata*
- ▲ *Uniola virgata* (?)

X CAY

▲ Agave millspaughii	Agave
▲ Antirhea myrtifolia	Antirhea
■ Ateramnus lucidus	Crabwood
■ Borrchia arborescens	Sea oxeve daisy
■ Bourreria ovata	Strongbark, Strongback
■ Bumelia americana	Wild Saffron, Milk Berry
▲ Calliandra formosa	White calliandra
■ Capparis flexuosa	Limber Caper
■ Casasia clusiifolia	7-year apple
▲ Cassia caribaea	—
▲ Cenchrus incertus	Sandspur
■ Chiococca alba	Snowberry
■ Cocoloba diversifolia	Pigeon plum
● Coccothrinax argentata	Silver palm
▲ Conocarpus erectus	Green buttonwood
● Conocarpus erectus var. sericeus	Silver buttonwood
▲ Cynanchum bahamense	—
▲ Cyperus sp.	Sedge
▲ Distichlis spicata	Salt-grass
● Erithalis fruticosa	Black torch
▲ Ernodea littoralis	Golden creeper
■ Eugenia axillaris	White stopper
■ Eugenia foetida	Spanish stopper
■ Guaiacum sanctum	Lignum vitae
● Guapira discolor	Bolly
■ Iresine flavescens	Coastal iresine
● Jacquinia keyensis	Joewood
▲ Lasiacis divaricata	Wild Bamboo
■ Malpighia polytricha ssp. confusa	Touch-me-not
● Manilkara bahamensis	Wild dilly
▲ Metopium toxiferum	Poisonwood
▲ Oplonia spinosa	Prickly-bush
▲ Paspalum distichum	Knot grass
▲ Phyllanthus epiphyllanthus	Sword-bush
■ Pithecellobium bahamense	Bahamas cat's claw
■ Pithecellobium guadalupense	Black bead
■ Randia aculeata	White indigo-berry
● Reynosia septentrionalis	Darling plum
● Rhachicallis americana	Hog-bush
▲ Sesuvium portulacastrum	Seaside purslane
▲ Setaria sp. (?)	Foxtail grass
■ Smilax havanensis	Prickly Green-brier
■ Sophora tomentosa	Necklace pod
▲ Suriana maritima	Bay cedar
▲ Thrinax morrisii	Thatch palm
■ Zanthoxylum coriaceum	Doctor's club
■ Zanthoxylum flavum	Yellow-wood

- Thatch palm
- Sea oats
- Spike-grass



Gumbo Limbo, *Bursera simaruba*, emerge from the Hellshire Hills forest, 1990. Photograph: R.W. Ehrig

Medium to Large Island/ High Diversity

Reference island: Barn Cay
(San Salvador complex)

70 species of plants or more present. Island or region of island is more than thirty acres in area, has sheltered areas and valleys. Several habitats are present.

● = Very abundant ■ = Moderate ▲ = Uncommon
? = uncertain identification x = non-native

BARN CAY

■ <i>Acacia choriophylla</i>	Cinnecord
■ <i>Amyris elemifera</i>	Torchwood
▲ <i>Antirhea myrtifolia</i>	Antirhea
▲ <i>Argythamnia lucayana</i>	—
■ <i>Ateramnus lucidus</i>	Crabwood
▲ <i>Avicennia germinans</i>	Black Mangrove
■ <i>Borreria arborescens</i>	Sea Ox-eye Daisy
▲ <i>Bourreria ovata</i>	Strongbark
■ <i>Bumelia americana</i>	Wild Saffron
▲ <i>Bursera simaruba</i>	Gum Elemi, Gumbo-limbo
▲ <i>Caesalpinia</i> sp. ?	—
▲ <i>Calyptanthus pallens</i>	Spicewood
▲ <i>Capparis cynophallophora</i>	Black Willow, Jamaica Caper
■ <i>Casasia clusiifolia</i>	Seven-year Apple
▲ <i>Cassia lucayana</i>	—
▲ <i>Cephalocereus bahamensis</i>	Torch Cactus
■ <i>Chiococca alba</i>	Snow Berry
▲ <i>Citharexylum fruticosum</i>	Fiddlewood
■ <i>Coccoloba diversifolia</i>	Pigeon-plum
▲ <i>Coccoloba swartzii</i>	Tie-tongue
■ <i>Coccoloba tenuifolia</i>	Bahama Pigeon-plum
■ <i>Conocarpus erectus</i>	Green Buttonwood
■ <i>Conocarpus erectus</i> var. <i>sericeus</i>	Silver Buttonwood
▲ <i>Cordia bahamensis</i>	Cocobey
▲ <i>Cordia</i> sp.	—
■ <i>Crossopetalum rhacoma</i>	Poison Cherry
▲ <i>Croton</i> sp.	—
■ <i>Diospyros crassinervis</i>	Boa-wood
■ <i>Drypetes diversifolia</i>	Milk Bark
▲ <i>Echites umbellata</i>	Devil's Potato
▲ <i>Encyclia</i> sp.	Epiphytic Orchid
■ <i>Erithalis fruticosa</i>	Black Torch
■ <i>Erythroxylon rotundifolium</i>	Rat Wood
■ <i>Eugenia axillaris</i>	White Stopper
▲ <i>Eugenia confusa</i>	Ironwood, Redberry Stopper
■ <i>Eugenia foetida</i>	Spanish Stopper
▲ <i>Exothea paniculata</i>	Butter Bough, Inkwood
■ <i>Galactia bahamensis</i>	Bahama Milk-pea
■ <i>Galactia rudolphioides</i>	Red Milk-pea
■ <i>Grimmeodendron eglandulosum</i>	Young Manchioneel, Poison Bush

▲ <i>Guaiacum sanctum</i>	Lignum Vitae
■ <i>Guapira discolor</i>	Blolly
▲ <i>Guettarda krugii</i>	Frogwood
▲ <i>Guettarda scabra</i> (?)	Velvet Berry
▲ <i>Gyminda latifolia</i>	False Boxwood, Walla-berry
■ <i>Hippomane mancinella</i>	Manchineel
■ <i>Hypelate trifoliata</i>	White Ironwood
■ <i>Jacquemontia havanensis</i>	—
■ <i>Jacquinia keyensis</i>	Joewood
■ <i>Krugiodendron ferreum</i>	Black Ironwood
▲ <i>Lantana involucrata</i>	Wild Sage
▲ <i>Leiphaimos parasitica</i>	Ghost Plant
▲ <i>Lysiloma bahamensis</i>	Wild Tamarind
■ <i>Manilkara bahamensis</i>	Wild Dilly
▲ <i>Maytenus buxifolia</i> (?)	Box-leaved Maytenus
■ <i>Metopium toxiferum</i>	Poisonwood
■ <i>Mimosa bahamensis</i>	Haulback
▲ <i>Nectandra coriacea</i>	Sweet Torchwood, Lancewood
■ <i>Oplonia spinosa</i>	Prickly Bush
▲ <i>Paspalum</i> sp.	Grass
▲ <i>Passiflora cupraea</i> (?)	Wild Watermelon
● <i>Phyllanthus epiphyllanthus</i>	Hardhead
▲ <i>Picramnia pentandra</i>	Bitterbush
▲ <i>Piscidia piscipula</i>	Fish Poison, Jamaica Dogwood
■ <i>Pithecellobium bahamense</i>	Bahama Cat's-Claw
▲ <i>Plumeria obtusa</i>	Frangipani
■ <i>Polygala oblongata</i> (?)	Oblong-leaved Polygala
▲ <i>Polypodium polypodioides</i>	Resurrection Fern
▲ <i>Pseudophoenix sargentii</i>	Cherry Palm
■ <i>Psychotria ligustrifolia</i>	Bahama Coffee
■ <i>Randia aculeata</i>	White Indigo-berry
■ <i>Reynosia septentrionalis</i>	Darling Plum
■ <i>Rhachicallis americana</i>	Hog-bush
▲ <i>Rhizophora mangle</i>	Red Mangrove
▲ <i>Savia bahamensis</i>	Maiden Bush
▲ <i>Smilax havanensis</i>	Green-brier
▲ <i>Solanum bahamense</i>	Bahama Nightshade
▲ <i>Sporobolus virginicus</i>	Seashore Dropseed
▲ <i>Tabebuia bahamensis</i>	Five-finger
■ <i>Thrinax morrisii</i>	Thatch Palm, Buffalo-top
■ <i>Thouinia discolor</i>	Quicksilver-bush
■ <i>Tillandsia circinnata</i>	Silvery Wild Pine
■ <i>Tillandsia utriculata</i>	Giant Wild Pine
■ <i>Tournefortia volubilis</i>	Soldier-bush
■ <i>Urechites lutea</i>	Wild Allamanda
▲ <i>Vallesia antillana</i>	Pearl-berry
■ <i>Vanilla barbellata</i>	Worm Vine
▲ <i>Zanthoxylum coriaceum</i>	Hercules' Club
▲ <i>Zizyphus taylori</i>	—

Plus six undetermined plants.



Semaphore Cactus,
Opuntia spinosissima,
center, Hellshire Hills,
1990. Photograph:
R.W. Ehrig

Wild Pine Airplant,
Tillandsia utriculata,
grows on the trunks
of other trees.
Photograph:
Deborah Neufeld



San Salvador iguana among
Prickly Pear Cactus, *Opuntia stricta*.
Photograph: John Bendon

