

C H E C K L I S T O F T H E P L A N T S I N T H E K E Y
D E E R N A T I O N A L R E F U G E *

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* Adapted and updated from Dickson, Woodbury & Alexander (Quart. Jour. Fla. Acad. Sci. 16: 181-197. 1953) and Franklin & Smith (List of the plants on Big Pine Key, Florida, report to the Bureau of Sport Fisheries and Wildlife, PB 180221, Smithsonian Institution, Washington, D.C., no date). George N. Avery assisted substantially with our study and we are especially grateful for his collaboration.

For the majority of taxa, names are those in Long & Lakela's (1971) "Flora of Tropical Florida," (Univ. Miami Press, Coral Gables); others are taken from more recent publications. Accepted names are underlined; pertinent synonyms are given in parenthesis. Some reported taxa have been excluded without comment because they are cultivated only, or because we have been unable to verify their presence either by herbarium or field study.

N.B.: This list is undoubtedly incomplete, but we believe it represents the majority of the plants that may be found on the Refuge. All such lists are certain to be incomplete because of many factors, including a changing flora.

We have attempted to verify the presence of each taxon formerly listed for the Refuge by either personal study or through G.N. Avery. In many cases we have made notes such as "may not be present on the Refuge" or "not present on Refuge." These statements represent current knowledge and may or may not have been true in the past. We suspect that several taxa formerly reported were misidentified; for others they may have been there, and not be there now.

I. FERNS

1. Aspidiaceae

Thelypteris kunthii (Desv.) Morton (*T. normalis* (C. Chr.) Moxley)

2. Davalliaceae

Nephrolepis exaltata (L.) Schott

3. Polypodiaceae

Phlebodium aureum (L.) J. Smith (*Polypodium aureum* L.)

Polypodium polypodioides (L.) Watt (*Marginaria polypodioides* (L.) Tidestrom)

4. Psilotaceae

Psilotum nudum (L.) Beauv.

5. Pteridaceae

Acrostichum aureum L.

Acrostichum danaeifolium Langsd. & Fisch.

Pityrogramma trifoliata (L.) R. Tryon (*Trismeria trifoliata* (L.) Diels)

Pteridium aquilinum (L.) Kuhn var. caudatum (L.) Sadebeck
(*Pteris caudata* L.)

Pteris longifolia L. (*Pycnadoria bahamensis* (Agardh) Small)

Pteris vittata L.

Sphenomeris clavata (L.) Maxon

6. Schizaeaceae

Anemia adiantifolia (L.) Sw.

7. Vittariaceae

Vittaria lineata (L.) Smith

II. FLOWERING PLANTS, CONIFERS

1. Acanthaceae

Dicliptera assurgens (L.) Jussieu (Diapedium assurgens (L.) Kuntze)

Dyschoriste angusta (Gray) Small (D. oblongifolia var. angusta (Gray) R.W. Long)

Ruellia carolininesis (Gmelin) Steudel ssp. ciliosa (Pursh) var. heteromorpha (Fernald) R.W. Long (R. hybrida sensu Small)

2. Agavaceae

Agave decipiens Baker

Agave sisalana Perrine

Sansevieria metallica Ger. & Lab. (Cordyline guineensis sensu auct.)

3. Aizoaceae (Tetragoniaceae)

Sesuvium maritimum (Walt.) B.S.P.

Sesuvium portulacastrum (L.) L.

Trianthema portulacastrum L.

4. Alismataceae

Sagittaria lancifolia L.

5. Amaranthaceae

Alternanthera ramosissima (Mart.) Chodat (Achyranthes ramosissima

(Mart.) Standley; A. floridana (Chapm.) Small)

Amaranthus hybridus L.

Amaranthus spinosus L.

Iresine canescens H. & B. ex Willd. (I. diffusa H. & B. ex Willd.;

I. paniculata (L.) Kuntze; I. celosia L.)

Phloxerous vermicularis (L.) Sm.

6. Amaryllidaceae

Crinum sp. (possibly C. latifolium L. var. zeylanicum (L.) Hook. f.
ex Trimen)

Hymenocallis latifolia (Miller) Roemer (H. keyensis Small)

Hypoxis micrantha Pollard (H. wrightii (Baker) Brackett)

7. Anacardiaceae (Spondiaceae)

Metopium toxiferum (L.) Krug & Urban

Rhus copallina L. var. leucantha (Jacq.) DC. (R. leucantha Jacq.)

Schinus terebinthifolius Raddi

Toxicodendron radicans (L.) Kuntze ssp. radicans (T. toxicodendron
(L.) Britton)

8. Annonaceae

Annona glabra L.

9. Apiaceae (Ammiaceae, Umbelliferae)

Centella asiatica (L.) Urban (C. repanda (Persoon) Small)

10. Apocynaceae

Angadenia berterii (A. DC.) Miers (Rhabdadenia corallicola Small)

Carissa grandiflora A. DC.

Catharanthus roseus (L.) G. Don (Vinca rosea L.)

Echites umbellata Jacq. (Echites echites (L.) Britton)

Nerium oleander L.

Rhabdadenia biflora (Jacq.) Muell.-Arg.

Urechites lutea (L.) Britton

Vallesia antillana Woodson (V. glabra (Cav.) Link)

11. Arecaceae (Palmae)

Coccothrinax argentata (Jacq.) Bailey

Cocos nucifera L.

Livistonia chinensis R. Br. [probably not within Refuge]

Phoenix dactylifera L.

Sabal palmetto (Walt.) Lodd. ex Schultes

Serenoa repens (Bartr.) Small

Thrinax morrisii H. Wendl. (T. microcarpa Sarg.)

Thrinax radiata Lodd. ex Schultes (T. parviflora auct. non Sw.)

Washingtonia robusta Wendl. [probably not within refuge]

12. Asclepiadaceae

Asclepias viridis Walt. (Asclepiodora viridis (Walt.) Gray)

Cynanchum bahamense Griseb.) Gillis (C. northropiae (Schltr.) Alain;
Epicion northropiae (Schlr.) Small)

Cynanchum blodgettii (Gray) Shinners (Metastelma blodgettii A. Gray)

Cynanchum palustre (Pursh) Heller (Lyonia palustris (Pursh) Small)

Cynanchum scoparium Nutt. (Amphistelma scoparia (Nutt.) Small)

Sarcostemma clausum (Jacq.) Roemer & Schultes (Funastrum clausum
Jacq.) Schlecht.)

13. Asteraceae (Compositae, Ambrosiaceae, Carduaceae, Chicoriaceae)

Ageratum littorale Gray

Ambrosia artemisiifolia L.

Ambrosia hispida Pursh

Aster adnatus Nutt.

Aster concolor L. var. simulatus (Small) R.W. Long

Aster dumosus L.

Aster subulatus Michx. var. ligulatus Shinners (A. exilis Eil.)

Aster tenuifolius L. var. aphyllus R.W. Long (A. bracei Britton)

Baccharis angustifolia Michx.

Baccharis halimifolia L.

Bidens alba DC. var. radiata (Sch. Bip.) Melchert (B. pilosa L.)

Borrachia arborescens (L.) DC.

Borrachia X cubana Britton & Blake

Borrachia frutescens (L.) DC.

Chaptalia dentata (L.) Cass.

Cirsium horridulum Michx.

Conyza canadensis (L.) Cronquist (Leptilon canadense (L.) Britton)

Conyza canadensis (L.) Cronquist var. pusilla (Nutt.) Cronquist

(Leptilon pusillum (Nutt.) Britton)

Coreopsis leavenworthii Torrey & Gray

Emelia fosbergii Nicolson (E. javanica authors; E. coccinea (Sims) Sweet)

Eupatorium capillifolium (Lam.) Small

Eupatorium odoratum L.

Flaveria linearis Lag.

Flaveria X latifolia (J.R. Johnston) Rydberg

Flaveria trinervis (Spr.) C. Mohr

Flaveria pubescens Rydberg

Gaillardia pulchella Foug. (G. picta Sweet)

Haplopappus phyllocephalus DC. var. megacephalus (Nash) Waterfall

(Sideranthus megacephalus (Nash) Small)

Helianthus annuus L. [not known in Refuge]

Heterotheca graminifolia (Michx.) Shinners (Pityopsis graminifolia

(Michx.) Nuttall; Chrysopsis graminifolia (Michx.) Nuttall)

Iva imbricata Walter

Launaea intybacea (Jacq.) Beauvard (Lactuca intybacea Jacq.; Brachy-

rhamphus intybaceus (Jacq.) DC.)

Liatris tenuifolia (Nutt.) Kuntze

Melanthera aspera (Jacq.) Sprengel var. glabriuscula (Kuntze) Parks
 (M. deltoidea Michx.)

Melanthera parvifolia Small

Mikania scandens (L.) Willd. (M. batatifolia DC.)

Pectis leptcephala (Cass.) Urban

Pluchea foetida (L.) DC.

Pluchea odorata (L.) Cass. (P. purpurascens (Sw.) DC.)

Pluchea rosea Godfrey

Pluchea symphytifolia (Miller) Gillis

Pterocaulon pycnostachyum (Michx.) Ell.

Sachsia polyccephala Griseb.

Solidago stricta Aiton (S. petiolata Miller) S. chrysopsis Small

Sonchus oleraceus L.

Tridax procumbens L.

Vernonia blodgettii Small

14. Avicenniaceae (Verbenaceae p.p.)

Avicennia germinans (L.) L. (A. nitida Jacq.)

15. Bataceae (Batisidaceae)

Batis maritima L.

16. Boraginaceae (Ehretiaceae, Heliotropaceae)

Bourreria cassinifolia (A. Richard) Griseb.

Bourreria ovata Miers

Cordia globosa (Jacq.) H.B.K. (Varronia globosa Jacq.)

Cordia sebestena L. (Sebesten sebestena (L.) Britton)

Heliotropium angiospermum Murr. (*Schobera angiosperma* (Murr.) Britton)

Heliotropium curassavicum L.

Heliotropium polyphyllum Lehman (*H. leavenworthii* Torrey)

Mallotonia gnaphalodes (L.) Britton (*Tournefortia gnaphalodes* (L.)

R. Br. ex Roemer & Schultes)

Tournefortia volubilis L. (*Myropus volubilis* (L.) Small)

17. Brassicaceae (Cruciferae)

Cakile edentula (Bigel.) Hook. [misidentification]

Cakile lanceolata (Willd.) O.E. Schulz ssp. fusiformis (Greene)

Rodman (*C. fusiformis* Greene)

Lepidium virginicum L.

18. Bromeliaceae

Tillandsia balbisiana Schultes

Tillandsia circinata Schlecht.

Tillandsia fasciculata Sw.

Tillandsia flexuosa Sw. (*T. aloifolia* Hook.)

Tillandsia usneoides (L.) L. (*Dendropogon usneoides* (L.) Raf.)

Tillandsia utriculata L.

19. Burseraceae

Bursera simaruba (L.) Sargent (*Elaphrium simaruba* (L.) Rose)

20. Cactaceae (Opuntiaceae)

Cereus gracilis Miller var. simpsonii (Small) L. Benson

(*Harrisia simpsonii* Small)

Cereus pentagonus (L.) Haw. (*Acanthocereus floridanus* Small)

Cereus robinii (Lemaire) L. Benson var. robinii

(*Cephalocereus keyensis* Britton & Rose)

Cereus robinii var. deeringii (Small) L. Benson

(*Cephalocereus deeringii* Small) [not seen by us]

Opuntia cubensis Britton & Rose (*O. ochrocentra* Small) (not known
to George N. Avery)

Opuntia impedita Small (misidentification)

Opuntia stricta Haw. var. dillenii (Ker.) L. Benson (*O. dillenii*
(Ker.) Haw.; *O. keyensis* Britton)

Opuntia triacantha (Willd.) Sw. (*O. abjecta* Small)

21. Campanulaceae (Lobeliaceae)

Lobelia glandulosa Walter

22. Canellaceae

Canella winterana (L.) Gaertn. (*C. alba* Murray)

23. Capparaceae (Capparidaceae)

Capparis cynophallophora L.

Capparis flexuosa (L.) L.

24. Caricaceae (Papayaceae)

Carica papaya L.

25. Casuarinaceae

Casuarina equisetifolia Forst. (*C. litorea*?)

26. Celastraceae

Crossopetalum ilicifolium (Poir.) Kuntze (*Rhacomia ilicifolia*
(Poir.) Trelease)

Crossopetalum rhacoma Crantz (*Rhacomia crossopetalum* L.)

Gyminda latifolia (Sw.) Urban

Maytenus phyllanthoides Bentham

27. Chenopodiaceae

Atriplex arenaria Nuttall

Salicornia bigelovii Torrey

Salicornia virginica L. (*S. ambigua* Michx.)

Suaeda linearis (Ell.) Moq. (*Dondia linearis* (Ell.) Millspaugh)

28. Chrysobalanaceae (Amygdalaceae)

Chrysobalanus icaco L.

Licania michauxii Prance (Geobalanus oblongifolius (Michx.) Small)

29. Combretaceae (Terminaliaceae)

Conocarpus erectus L.

Laguncularia racemosa (L.) Gaertn. f.

Terminalia catappa L.

30. Commelinaceae

Commelina elegans H.B.K. (not known to George N. Avery); probably

C. erecta

31. Convolvulaceae

Evolvulus alsinoides (L.) L.

Evolvulus convolvuloides (Willd.) Stearn (E. glaber Sprengel)

Evolvulus grisebachii Peter in Engler & Prantl (E. wrightii House)

Evolvulus sericeus Sw. var. averyi Ward

E. sericeus var. glaberrimus Robins

E. sericeus Sw. var. sericeus

Ipomoea alba L. (Calonyction aculeatum (L.) House)

Ipomoea batatas (L.) Lam.

Ipomoea indica (Burm. f.) Merrill (Pharbitis cathartica (Poir.) Choisy)

Ipomoea macrantha Roemer & Schultes (I. violacea L.; Calonyction tuba (Schl.) Colla)

Ipomoea pes-caprae (L.) R. Br.

Ipomoea sagittata Poir.

Ipomoea tiliacea (Willd.) Choisy (probably a misidentification of I. batatas)

Ipomoea triloba L.

Jacquemontia pentantha (Jacq.) G. Don

32. Crassulaceae (Sedaceae)

Kalanchoe tubiflora (Harv.) Hamet (K. verticillata (Scott) Elliot)

33. Cucurbitaceae

Melothria pendula L. var. crassifolia (Small) Cogn.

Momordica charantia L.

34. Cymodoceaceae

Cymodocea filiformis (Kutz.) Correll (Syringodium filiformis Kutz.)

Halodule beaudettei (den Hartog) den Hartog (Diplanthera wrightii

authors, not (Asch.) Asch.)

34. Cyperaceae

Abilgaardia ovata (Burm. f.) Kral (A. monostachya (L.) Vahl)

Cladium jamaicense Crantz (Mariscus jamaicensis (Crantz) Britton)

Cyperus aristatus Rottb. (C. inflexus Muhl.)

Cyperus compressus L.

Cyperus elegans L.

Cyperus fuligineus Chapman

Cyperus ligularis L.

Cyperus odoratus L. (Torulinium confertum Desv. ex Hamilt.; C. ferax)

Cyperus planifolius Richard (C. brunneus Sw.)

Cyperus pollardii Britton (C. blodgettii)

Cyperus polystachyos Rottb. var. texensis (Torrey) Fernald

Cyperus tetragonus Ell.

Dichromena colorata (L.) Hitchcock (probably misidentified)

Dichromena floridensis Britton

Eleocharis atropurpurea (Retz.) Kunth (misidentification, probably

not present in Florida fide G.N. Avery)

Eleocharis caribaea (Rottb.) Blake

Eleocharis cellulosa Torrey

Eleocharis sintenisii Baeckl. (misidentification)

Fimbristylis castanea (Michx.) Vahl

Fimbristylis spathacea Roth

Rhynchospora divergens Chapman ex M.A. Curtis

Rhynchospora microcarpa Baldw. ex Gray

Schoenus nigricans L.

Scleria lithosperma (L.) Sw.

Scleria verticillata Muhl.

35. Ebenaceae

Diospyros virginiana L. (probably not present on the Florida Keys
fide G.N. Avery)

36. Euphorbiaceae

Acalypha chamaedrifolia (Lam.) Muell.-Arg.

Argythamnia blodgettii (Torrey) Chapman (Ditaxis blodgettii (Torr.)
Paxton)

Ateramnus lucidus (Sw.) Rothm. (Gymnanthes lucida Sw.)

Chamaesyce adenoptera (Bertol.) Small ssp. pergamena (Small) Burch

Chamaesyce blodgettii (Engelm. ex Hitchcock) Small

Chamaesyce conferta Small

Chamaesyce cordifolia (Ell.) Small (misidentification, probably not
in Southern Florida)

Chamaesyce garberi (Engelm. ex Chapman) Small (Euphorbia garberi
Englm. ex Chapman)

Chamaesyce hirta (L.) Millspaugh

Chamaesyce hyssopifolia (L.) Small

Chamaesyce hypericifolia (L.) Millspaugh (C. glomifera Millsp.)

Chamaesyce mesembryanthemifolia (Jacq.) Dugand (C. buxifolia (Lam.)

Small)

Chamaesyce porteriana Small var. keyensis (Small) Burch

Chamaesyce porteriana Small var. scoparia (Small) Burch (C. scoparia
Small)

Chamaesyce deltoidea (Engelm. ex Chapman) Small var. serpyllum
(Small) Burch (C. serpyllum)

Croton humilis L. (C. berlandieri Torrey)

Croton linearis Jacq.

Cnidoscolus stimulosus (Michx.) Engelman & Gray (Bivonea stimulosa
(Michx. Raf.)

Dryptes diversifolia Krug & Urban

Dryptes lateriflora (Sw.) Krug & Urban

Hippomane mancinella L.

Phyllanthus amarus Schum. (P. niruri sensu authors, not L.; P. swartzii
Kestel)

Phyllanthus pentaphyllus C. Wright ex Griseb. var. floridanus Webster

Poinsettia cyathophora (Murray) K. & Gke.

Poinsettia heterophylla (L.) Small (probably not within Refuge)
(P. geniculata (Ortega) Small)

Poinsettia pinetorum Small

Ricinus communis L.

Savia bahamensis Britton

Tragia saxicola Small

37. Fabaceae (Cassiaceae, Mimosaceae)

Acacia farnesiana (L.) Willd. (Vachellia farnesiana (L.) Wight & Arn.)

Acacia macracantha H. & B. ex Willd. (Poponax macranthesides (Bart.)
B. & R.) (on Ramrod, not in Refuge)

Acacia pinetorum Hermann (Vachellia peninsularis Small)

Albizia lebbeck (L.) Bentham

Caesalpinia bonduc (L.) Roxb. (C. crista of authors, not L.;
Guilandina crista (L.) Small)

Caesalpinia pauciflora (Griseb.) C. Wright ex Sauvelle

Cajanus cajan (L.) Millspaugh (Cajan cajan (L.) Millsp.)

Canavalia rosea (Sw.) DC. (Canavali lineata (Thunb.) DC.; C. obtusi-
folia (Lam.) DC.; C. maritima of authors, not Thouars)

Cassia aspera Muhl. (Chamaecrista aspera (Muhl.) Greene) C. simpsonii)

Cassia chapmanii Isley (C. bahamensis Miller; Peiranisia bahamensis
(Miller) Britton & Rose)

Cassia keyensis (Pennell) Macbride (Chamaecrista keyensis Pennell)

Centrosema virginianum (L.) Bentham (Bradburya virginiana (L.) Kuntze)

Crotalaria incana L.

Crotalaria maritima var. linearia (Small) Seen

Crotalaria maritima Chapman var. maritima

Desmanthus virgatus (L.) Willd. var. depressus (H.B.K.) Turner
(Acuan depressum (H.B.K.) Kuntze)

Delonix regia (Bojer ex Hooker) Raf. (Poinciana regia Bojer)

Desmodium canum (Gmelin) Schinz & Thellung (Meibomia cana (Gmelin) Blake)

Desmodium tortuosum (Sw.) DC. (Meibomia purpurea (Mill.) Vail)

Erythrina herbacea L. (E. arborea (Chapman) Small)

Galactia parvifolia A. Richard

Galactia spiciformis Torrey & Gray

Indigofera miniata Ortega

Indigofera tinctoria L.

Leucaena leucocephala (Lam.) De Wit (L. glauca (L.) Bentham)

Macroptilium lathyroides (L.) Urban (Phaseolus lathyroides L.)

Neptunia pubescens Bentham (N. floridana Small)

Parkinsonia aculeata L.

Piscidia piscipula (L.) Sargent (Ichthyomethia piscipula (L.) A. Hitchc.)

Pithecellobium guadalupense (Pers.) Chapm. (P. keyensis Britton & Rose)

Pithecellobium unguis-cati (L.) Bentham

Rhynchosia cinerea Nash

Rhynchosia parvifolia DC. (Leucopterum parviflorum (DC.) Small)

Rhynchosia minima (L.) DC. (Dolicholus minimus (L.) Medic.)

Sesbania macrocarpa Muhl. ex Nott.

Sophora tomentosa L.

Stylosanthes calcicola Small

Stylosanthes hamata (L.) Taub.

Tamarindus indicus L.

Vigna luteola (Jacq.) Bentham (V. repens (L.) Kuntze)

38. Gentianaceae

Eustoma exaltatum (L.) Griseb.

Sabatia stellaris Pursh (S. campanulata of authors, not (L.) Torrey)

39. Haloragaceae

Proserpinaca palustris L.

40. Hydrocharitaceae

Thalassia testudinum Konig

41. Hypericaceae (Clusiaceae)

Clusia rosea Jacq. (C. rosea L.)

42. Iridaceae (Ixiaceae)

Sisyrinchium miamiense ?

43. Juncaceae

Juncus roemerianus Scheele

44. Lamiaceae (Labiatae)

Ocimum micranthum Willd

Scutellaria havanensis Jacq.

45. Lauraceae (Cassythaceae)

Cassytha filiformis L.

Persea americana Miller (P. persea (L.) Cockerell)

Persea borbonia (L.) Sprengle (Tamala borbonia (L.) Raf.)

46. Lentibulariaceae (Pinguiculaceae)

Pinguicula pumila Michx.

47. Liliaceae

Aletris bracteata Northrop

Aloe barbadensis Miller (A. vera L.)

Asparagus densiflorus (Kunth) Jessop cv. springeri (A. springeri Regel)

Asparagus officinalis L.

Asparagus setaceus (Kunth) Jessop (A. plumosus Baker)

48. Linaceae

Linum arenicola (Small) Winkler (Cathartolinum arenicola Small)

49. Loganiaceae (Spigeliaceae)

Cynoctonum mitreola (L.) Britton

Cynoctonum sessilifolium (Walt.) J.F. Gmelin

Polypremum procumbens L.

Spigelia anthelmia L.

50. Lythraceae

Ammannia latifolia L.

Ammannia teres Raf.

Lythrum lineare L.

51. Malpighiaceae

Byrsonima lucida (Miller) DC. (B. cuneata (Turcz.) P. Wilson)

52. Malvaceae

Abelmoschus esculentus (L.) Moench (probably not within Refuge)

Abutilon permolle (Willd.) Sweet

Gossypium hirsutum L.

Herissantia crispa (L.) Briz. (Gayoides crispum (L.) Small)

Hibiscus pilosus (Sw.) Fawcett & Rendle (H. pilosus Cav.)

Hibiscus rosa-sinensis L.

Malvastrum corchorifolium (Desr.) Britton

Malvaviscus arboreus Cav. var. mexicanus Schlecht. (M. grandiflorus H.B.K.)

Sida acuta Burm. f. (S. carpinifolia L.f.)

Sida ciliaris L.

Sida elliottii Torrey & Gray

Sida procumbens Sw.

Thespesia populnea (L.) Solander ex Correa

53. Meliaceae

Melia azedarach L. (probably not within Refuge)

54. Moraceae

Ficus aurea Nuttall

Ficus citrifolia Miller (F. brevifolia Nuttall)

55. Musaceae

Musa X paradisiaca L. (M. X sapientum L.)

56. Myricaceae

Myrica cerifera L.

57. Myrsinaceae (Ardisiaceae)

Ardisia escallonioides Schl. & Cham. (Icacorea paniculata (Nuttall) Sudw.)

Myrsine floridana A. DC. (Myrisine guianensis of authors; Rapanea

guianensis of authors, not Aublet; Rapanea punctata (Lam.) Lundell)

58. Myrtaceae

Calyptrotheces pallens Griseb.

Eugenia axillaris (Sw.) Willd.

Eugenia bahamensis Kiearsk. (misidentification)

Eugenia foetida Pers. (E. huxifolia (Sw.) Willd.; E. myrtoides Poir.)

Psidium guajava L.

Psidium longipes (Berg) McVaugh (Mosiera longipes (Berg) Small)

Melaleuca quinquenervia (Cav.) Blake (M. leucadendron, misapplied)

59. Nyctaginaceae (Allioniaceae, Pisoniaceae)

Boerhavia diffusa L.

Boerhavia erecta L.

Guapira discolor (Spr.) Little (Torrubia bracei Britton; T. longifolia (Heimerl) Britton)

Pisonia aculeata L.

Pisonia rotundata Griseb.

60. Olacaceae

Zimenia americana L.

61. Oleaceae

Forestieria segregata (Jacq.) Krug & Urban var. pinetorum (Small)

M. C. Johnston (F. pinetorum Small) (not verified)

62. Onagraceae (Epilobiaceae)

Gaura angustifolia Michx.

Ludwigia repens Forst. (Isnardia sp.) (not seen by either of us)

Ludwigia microcarpa Michx.

63. Orchidaceae

Bletia purpurea (Lam.) DC.

Encyclia tampensis (Lindley) Small (Epidendrum tampense Lindley)

Habenaria quinqueseta (Michx.) A.A. Eaton

Spiranthes torta (Thunberg) Garay & Sweet

Vanilla barbellata Reichenbach f.

Zeuxine strateumatica (L.) Schlechter

64. Passifloraceae

Passiflora suberosa L. (P. pallida L.)

65. Phytolaccaceae

Rivina humilis L.

66. Pinaceae

Pinus elliottii Engelmann var. densa Little & Dorman (P. caribaea

sensu authors, not Morelet)

67. Plumbaginaceae (Armeriaceae)

Limonium carolinianum (Walter) Britton (L. angustatum (A. Gray)

Small) (George N. Avery separates both var. angustatum (Gray)

Blake and var. carolinianum in spite of the results of Luetyn;

we believe they are no more than ecotypes)

68. Poaceae (Gramineae)

Andropogon cabanisii Hack

Andropogon glomeratus (Walter) R.S.P.

Andropogon sericatus Swallen

Andropogon virginicus L. (Andropogon elliottii Chapm.)

Aristida purpurascens Poiret

Arundo donax L.

Cenchrus echinatus L.

Cenchrus gracillimus Nash

Chloris petraea Sw. (Eustachys petraea (Sw.) Desv.)

Cynodon dactylon (L.) Persoon (Capriola dactylon (L.) Kuntze)

Dactyloctenium aegyptium (L.) Beauv.

Digitaria bicornis (Lam.) Roemer & Schultes

Digitaria dolichophylla Henr.

Digitaria insularis (L.) Mez ex Ekman (Valota insularis (L.) Chase)

Digitaria sanguinalis (L.) Scop. (Syntherisma sanguinale (L.) Dulac.)

(not present in southern Florida fide George N. Avery)

Distichlis spicata (L.) Greene

Elusine indica (L.) Gaertner

Eragrostis ciliaris (L.) R. Brown

Eragrostis elliottii Watson

Eragrostis tenella (L.) Beauv. ex Roemer & Schultes (E. amabilis

(L.) Wight & Arnott)

Eriochloa michauxii (Poiret) Hitchcock

Lasiacis divaricata (L.) Hitchcock

Leptochloa dubia (H.B.K.) Nees

Leptochloa fascicularis (Lam.) Gray

Monanthochloe littoralis Engelmann

Muhlenbergia capillaris (Lam.) Trin. (probably not in Refuge)

Muhlenbergia filipes M.A. Curtis

- Panicum adspersum Trin.
- Panicum amarum Ell.
- Panicum bartowense Scribn. & Merrill
- Panicum caerulescens Hack. ex Hitchcock
- Panicum chapmanii Vasey
- Panicum fasciculatum Sw.
- Panicum portoricense Desv. ex Hamilt.
- Panicum rigidulum Nees
- Panicum virgatum L. var. cubense Grisebach
- Paspalum caespitosum Flugge (Paspalum blodgettii Chapman)
- Paspalum distichum L. (P. vaginatum Sw.)
- Paspalum monostachyum Vasey
- Paspalum notatum Flugge
- Paspalum sagetii Chase
- Paspalum setaceum Michx. var. ciliatifolium (Michx.) Vasey
- Paspalum vaginatum Sw.
- Rhynchospora repens (Willd.) C.E. Hubbard (Tricholaena rosea Nees)
- Saccharum officinarum L.
- Schizachyrium gracile (Sprengel) Nash (Andropogon gracilis Sprengel)
- Schizachyrium rhizomatum (Swallen) Gould
- Schizachyrium semiberbe Nees
- Setaria geniculata (Lam.) Beauv. (Chaetochloa geniculata (Lam.)
Millspaugh)
- Setaria glauca (L.) Beauv. (S. lutescens (Weigel) F.T. Hubb.)
- Setaria macrosperma (Scribn. & Merrill) K. Schum.
- Setaria magna Grisebach (not present in Florida Keys fide George N.
Avery, probably misidentified)

Sorghastrum secundum (Ell.) Nash

Spartina spartinae (Trin.) Merrill ex Hitchcock (S. junciformis
Engelmann & Gray)

Sporobolus domingensis (Trin.) Kunth

Sporobolus virginicus (L.) Kunth

Stenotaphrum secundatum (Walter) Kuntze

Tripsacum floridanum Porter ex Vasey

Uniola paniculata L.

69. Polygalaceae

Polygala balduinii Nuttall var. carteri (Small) Smith & Ward

Polygala boykinii Nuttall var. sparsifolia Wheelock (P. praetervisa
Chodat)

Polygala grandiflora Walter var. angustifolia Torrey & Gray (Asemia
leioides (Blake) Small)

Polygala grandiflora Walter (Asemia grandiflora (Walter) Small)
(neither J.K. Small nor Long & Lakela nor W.T. Gillis indicate
that this is present in the Florida Keys; we have not seen it
there either)

70. Polygonaceae

Coccoloba diversifolia Jacquin (C. laurifolia Jacq.)

Coccoloba uvifera (L.) L.

71. Portulacaceae

Portulaca oleracea L.

Portulaca rubricaulis H.B.K. (P. phaeosperma Urban)

72. Primulaceae

Samolus ebracteatus H.B.K. (Samodia ebracteatus (H.B.K.) Baudo)

Samolus parviflorus Raf.

73. Punicaceae

Punica granatum L. (cultivated, probably not in Refuge)

74. Rhamnaceae (Frangulaceae)

Colubrina arborescens (Miller) Sargent (C. colubrina (Jacq.) Millspaugh)

Colubrina asiatica (L.) Brongn.

Krugiodendron ferreum (Vahl) Urban

Reynosia septentrionalis Urban

75. Rhizophoraceae

Rhizophora mangle L.

76. Rubiaceae

Borreria ocymoides (Burm. f.) DC.

Borreria terminalis Small (B. podocephala DC.; B. verticillata?)

Casasia clusiifolia (Jacq.) Urban (Genipa clusiifolia (Jacq.)

Grisebach)

Catesbeia parviflora Sw.

Chiococca alba (L.) A. Hitchcock

Chiococca parvifolia Wullschl. ex Grisebach (C. pinetorum Britton)

Erithalis fruticosa L.

Ernodea littoralis Sw. var. angusta (Small) R.W. Long (E. angusta Small)

Exostema caribaeum (Jacquin) Roemer & Schultes

Galium hispidulum Michx. (G. bermudense of authors)

Guettarda elliptica Sw.

Guettarda scabra (L.) Vent.

Hamelia patens Jacquin

Hedyotis nigricans (Lam.) Fosberg var. filifolia (Chapman) Shinners

(Houstonia filifolia (Gray) Small)

Morinda royoc L.

Psychotria nervosa Sw. (P. undata Jacquin)

Randia aculeata L.

Spermacoce floridana Urban (S. tenuior L. var. floridana (Urban) R.W. Long; S. keyensis Small)

Spermacoce tetraquetra A. Richard

Strumpfia maritima Jacquin

Vallesia antillana Woodson

77. Ruppiaceae (Zannichelliaceae)

Ruppia maritima L.

78. Rutaceae

Amyris elemifera L.

Citrus aurantifolia (Cristm.) Swingle

Zanthoxylum fagara (L.) Sargent

79. Sapindaceae (Dodonaeaceae)

Cupania glabra Sw.

Dodonaea viscosa (L.) Jacquin var. arborescens (Cunn.) Sheriff f. eleagnoides (Rudolphi ex Lodd. & Adlerst.) Briz.

Exothea paniculata (Jussieu) Radlk.

Hypelate trifoliata Sw.

Meliococcus bijugatus Jacquin (Melicocca bijuga L.)

80. Sapotaceae

Bumelia celastrina H.B.K. var. angustifolia (Nuttall) R.W. Long
 (B. angustifolia Nuttal; B. eggersii Pierre) (many modern students of this genus consider these plants no more than a minor variation of the species and unworthy of taxonomic recognition).

Bumelia salicifolia (L.) Sw. (Dipholis salicifolia (L.) A. DC.)

Chrysophyllum oliviforme L.

Manilara bahamensis (Baker) Lam & Meeuse (Mimusops emarginata (L.)

Britton)

Manilkara zapota (L.) Royen (Sapota achras Miller)

81. Scrophulariaceae (Rhinanthaceae)

Bacopa monnieri (L.) Pennell (Bramia monnieri (L.) Pennell)

Buchnera floridana Gaudiger

Buchnera longifolia H.B.K. (B. elongata Sw.) (this species may not
be present in Florida)

Capraria biflora L.

? Gerardia fasciculata Ell. (Agalinis fasciculata (Ell.) Raf.)

? Gerardia harperi (Pennell) Pennell (Agalinis harperi Pennell)

Gerardia keyensis (Pennell) Pennell (Agalinis keyensis Pennell;
Agalinis filifolia sensu Dickson et al.)

Gerardia maritima Raf. (Agalinis maritima (Raf.) Raf.)

Gerardia obtusifolia (Raf.) Pennell (Agalinis obtusifolia Raf.)

Gerardia purpurea L. (Agalinis purpurea (L.) Pennell)

Those species marked with a query (?) may or may not be present within
the Refuge

82. Simaroubaceae

Simarouba glauca DC.

83. Smilacaceae

Smilax havanensis Jacquin

84. Solanaceae

Capsicum annuum L. (not known to George N. Avery from Refuge)

Capsicum frutescens L.

Lycium carolinianum Walter

Nicotiana tabacum L. (not known to G.N. Avery from Refuge)

Physalis angulata L. (misidentified)

Physalis angustifolia Nuttall

Physalis pubescens L. (P. barbadensis Jacquin)

Solanum bahamense L.

Solanum donianum Walpers (S. blodgettii Chapman)

Solanum erianthum D. Don (S. verbascifolium of authors)

Solanum nigrescens Mart. & Gal.

Solanum nigrum L. (may not be present in Refuge)

85. Sterculiaceae (Buellneriaceae)

Ayenia euphrasiifolia Grisebach

Waltheria indica L. (W. americana L.)

86. Surianaceae

Suriana maritima L.

87. Theophrastaceae

Jacquinia keyensis Mez

88. Turneraceae

Piriqueta caroliniana (Walter) Urban var. tomentosa Urban

(P. tomentosa of authors)

89. Typhaceae

Typha domingensis Persoon (T. angustifolia of Dickson et al.)

90. Ulmaceae

Trema micranthum (L.) Blume (F. floridana Britton)

91. Urticaceae

? Parietaria floridana Nuttall (probably present on Refuge)

? Pilea herniarioides (Sw.) Wedd. (not known to G.N. Avery from Florida)

Pilae microphylla (L.) Liebm.

92. Verbenaceae

Citharexylum fruticosum L.

Lantana involucrata L. (L. odorata)

Phyla nodiflora (L.) Greene (Lippia nodiflora (L.) Michx.)

Stachytarpheta jamaicensis (L.) Vahl (Valerianoides jamaicensis (L.)
Kuntze)

93. Vitaceae (Vitidaceae)

Cissus trifoliata L. (perhaps not in Refuge fide G.N. Avery)

Parthenocissus quinquefolia (L.) Planchon

Vitis rotundifolia Michx. (Muscadinia munsoniana (Simpson) Small)

(Donovan S. Correll recognizes Vitis munsoniana Simpson as a
separate species distinct from V. rotundifolia; we are not
convinced)

94. Zygophyllaceae

Tribulus cistoides L.