

**VEGETATION ANALYSIS OF THE
ATLANTIC COASTAL RIDGE OF
BROWARD COUNTY, FLORIDA**

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VEGETATION ANALYSIS OF THE ATLANTIC COASTAL RIDGE
OF BROWARD COUNTY, FLORIDA

By
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A Thesis Submitted to the Faculty of the
College of Science
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of Master of Science

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This thesis was prepared under the direction of the candidate's thesis advisor, Dr. Daniel F. Austin, Department of Biological Sciences, and has been approved by the members of his supervisory committee. It was submitted to the faculty of the College of Science and was accepted in partial fulfillment of the requirements for the degree of Master of Science.

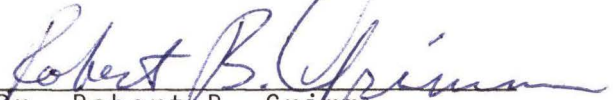
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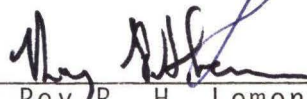
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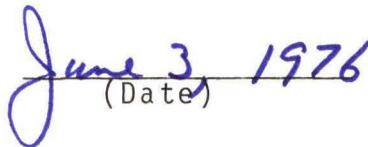


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Abstract

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With the 1940 imagery and past vegetation studies in southern Florida as a base, the vegetation of the Atlantic Coastal Ridge of Broward County is mapped in detail for the first time. The vegetation including Strand, Tropical Hammock, Low Hammock, Mangrove, Swamp, Scrub, Pine Flatwoods, Dry Prairie, Wet Prairie and Marsh is similar to past studies (Harshberger, 1914; Harper, 1927; Davis, 1943). Differences in vegetation nomenclature are illustrated and the vegetation types are defined and discussed with reference to characteristic species, ecology and soils. A checklist of the vascular flora is compiled with 645 species in 136 families. Sixty-three percent of the species are of tropical affinity, 7% are endemic and 8% are exotic.

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Introduction

Surveys of southern Florida, which included sparse to locally detailed vegetation analysis, occurred from the 1760's to present. Spanish records before the English period are few and lack detail. The first English surveys were by De Brahm (1773) and Romans (1775). These early studies described some vegetation (pinelands, hammocks, swamps, marshes), and physical coastal features (inlets and rivers). During the 1800's the need for military information in the Seminole Wars sparked the production of the first reasonably accurate vegetation maps of South Florida (Bruff, 1846; Ives, 1856). Federal surveys delineating townships and ranges for South Florida (MacKay, 1845; Williams, 1870; Fries, 1898) also indicated some vegetation as did the United States Coast and Geodetic Survey (1883) of the area from the coastline west to the first coastal ridge.

Contemporary methods of vegetation analysis were pioneered by Harshberger (1914), Harper (1927), and Davis (1943). Harshberger and Harper produced the first ecological studies of the vegetation of southern Florida while Davis stressed ecology, soils and topography as well as introducing remote sensing to vegetation analysis. Alexander (1958) made the first and only previous detailed vegetation analysis of a part of Broward County, a coastal section in Pompano Beach (T. 49S, R. 43E, Sec. 6). In addition, Alexander (1973) produced an

analytical study of the Everglades.

Broward County was established as a political division of Florida in 1915, being formed from the southern section of Palm Beach County and the northern section of Dade County (Figure 1). Encompassing approximately 1,200 square miles, Broward County was named in honor of former Governor Napoleon Bonaparte Broward. Rapid population growth has occurred along the Atlantic Coastal Ridge since the county's formation, increasing from less than 5,000 people in 1915 to close to 900,000 in 1975 (Broward County Commission Annual Report, 1975). This growth resulted in the modification or destruction of much of the vegetation.

This study will map the vegetation of the Atlantic Coastal Ridge of Broward County (the area from the coastline west to the Everglades) from the earliest imagery available (1940), and compile a checklist of the vascular flora. No comprehensive vegetation or floristic study was ever undertaken of the Atlantic Coastal Ridge of Broward County except for a small area in Pompano Beach (Alexander, 1958). In fact, Broward County has the least known county flora in the state of Florida (D. B. Ward, personal communication). This study is a contribution to the understanding of the vegetation of the Atlantic Coastal Ridge of South Florida as well as to the flora of the state now being prepared by D. B. Ward.

Figure 1. Location Map of the Study Area in Southern Florida

- 1 - Broward ; black portion is the detail study area
- 2 - Dade
- 3 - Palm Beach
- 4 - Hendry
- 5 - Collier
- 6 - Monroe
- 7 - Martin
- 8 - Glades
- 9 - Charlotte
- 10 - Lee
- 11 - Lake Okeechobee



Methods

The vegetation maps were produced by remote sensing using standard stereoscopic techniques and ground truth surveys. Due to the high degree of urbanization, the oldest imagery available was used: aerial photographs from the United States Department of Agriculture (1940, 1947, 1948, 1949). Changes which occurred before 1940 in the vegetation are not shown on the vegetation maps but earlier studies which indicated vegetation features were used as a source of comparison with the vegetation maps. Particularly useful early studies were those made by De Brahm (1773), Romans (1775), MacKay (1845), Bruff (1846), Ives (1856), Williams (1870), United States Coast and Geodetic Survey (1883), Fries (1898), Harshberger (1914), Harper (1927), Davis (1943), and Alexander (1958).

In addition, soil surveys (U.S.D.A. 1914, 1946, 1962, 1973) and topographic surveys (U.S.G.S. 1969, 1973) were useful because soils and topography closely relate to the vegetation in South Florida.

The Checklist of the Vascular Flora of Broward County was compiled from the herbaria at Florida Atlantic University (FAU), University of Florida (FLAS), Fairchild Tropical Garden (FTG), and Birch State Park, as well as complementary collections. Former distributional and taxonomic studies by Small (1933), Hitchcock (1935), Ledin (1951), McCart (1969), and Long & Lakela (1971) were used. The plant

nomenclature is based on Long & Lakela (1971) with a few exceptions. "NC" refers to species with no voucher but believed to occur in Broward. The chief sources of personal communication for species which occur in Broward were Daniel F. Austin (Florida Atlantic University) and Daniel B. Ward (University of Florida).

Vegetation

The vegetation maps and checklist recognize ten vegetation types:

STRAND: = Sea Beach Formation and Dune Formation (Harshberger, 1914); = "Strand" (Davis, 1943) but not Coastal Hammock (see below).

Strand occurs on beaches along the coasts. The species are often dispersed by the ocean and are all salt tolerant. Soils are undifferentiated beach sands. Species included in strand are herbaceous to fruticose and are characteristically zoned:

Zone 1

Closest to the ocean this zone characteristically contains Uniola paniculata, Canavalia maritima, Ipomoea pes-caprae, Iva imbricata, and Paspalum vaginatum

Zone 2

This zone consists mostly of thorny or prickly plants, commonly including Opuntia compressa var. austrina, Yucca aloifolia, Cnidoscolus stimulosus and Agave decipiens

Zone 3

The zone farthest from the ocean contains thickets of shrubby plants such as Serenoa repens, Coccoloba uvifera, Crysobalanus icaco, Randia aculeata, Sabal palmetto and Scaevola plumieri

Strand vegetation occurs along the entire coast of Broward County (Maps 1, 2, and 3).

TROPICAL HAMMOCK: = High Hammock Formation (Harshberger, 1914); includes Coastal Hammock of Davis (1943).

These hammocks seem to be confined to areas where the temperature inside rarely or never drops below freezing. Most commonly these habitats are coastal, probably because of the warming affect of the ocean. The soils are Palm Beach fine sand (U.S.D.A., 1946) and a variety of sands, loams and rocklands (Davis, 1943). Occasionally tropical hammocks are found inland at higher elevations which allow higher temperatures during the winter. These hammocks are usually on limestone outcrops but sometimes on inland sand dunes. Commonly, tropical hammocks are surrounded by more temperate species (e.g. Quercus) along their outer limits. This may keep the temperatures higher inside the hammock as well as protect the hammock against fires.

Some of the characteristic species are:

Trees

Bursera simaruba, Masticodendron foetidissimum, Sabal palmetto, Coccoloba diversifolia, Krugiodendron ferreum, Metopium toxiferum, Zanthoxylum fagara, Simaroba glauca

Shrubs

Ardisia escallonioides, Eugenia axillaris, Eugenia myrtoides, Psychotria nervosa, Amyris elemifera, Coccothrinax argentata

Herbs

Rivina humilis, Solanum bahamense, Nephrolepis exaltata

Vines

Erythrina herbacea, Smilax bona-nox, Vitis shuttleworthii

Epiphytes

Tillandsia fasciculata, Tillandsia recurvata, Tillandsia usneoides, Encyclia tampensis

Tropical Hammock was common along the coast of Broward County between the ocean and the Intracoastal Waterway (Maps 1, 2 and 3). Inland tropical hammocks occur in Broward County but less commonly (Maps 2 and 3).

LOW HAMMOCK: Includes Oak Hammocks, Oak Cabbage Palm Hammocks and Cabbage Palm Hammocks of Davis (1943).

These are hammocks that are dominated by southern temperate tree species and are rarely flooded. Most Low Hammocks are elevated but sometimes they occur in depressions or in ecotones between Scrub and some other vegetation of lower elevation (e.g. Marsh, Wet Prairie, Swamp, Mangrove). If Low Hammocks are elevated they are usually at lower elevation than Tropical Hammocks. The soils are variable but some of the more common are Dade fine sand, St. Lucie fine sand (U.S.D.A., 1946) and limestone outcrops.

The typical dominant species are:

Trees

Quercus virginiana, Sabal palmetto, Ficus aurea, Celtis laevigata, Morus rubra

Shrubs

Psychotria nervosa, Psychotria sulzneri, Serenoa repens, Callicarpa americana, Rhus copallina

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Herbs

Thelypteris kunthii, Nephrolepis exaltata, Pteridium aquilinum, Blechnum serrulatum

Vines

Smilax auriculata, Smilax laurifolia, Vitis rotundifolia,
Vitis shuttleworthii

Epiphytes

Tillandsia usneoides, Tillandsia recurvata, Tillandsia fasciculata, Encyclia tampensis, Polypodium polypodioides

Low Hammock is frequently associated with the Hillsboro River, Cypress Creek, Middle River and New River systems in Broward County (Maps 1, 2, and 3) as well as ecotones between Scrub and some vegetation of lower elevation. Pine Island Ridge is a distinctive stand of Low Hammock approximately 10 - 15 miles inland elevated above the Everglades on St. Lucie sands (Map 3).

MANGROVE: = Salt Water Swamp (Hurd, 1973).

This is characteristic of protected coastal areas where there is shallow salt or brackish water little disturbed by wave action. These are brackish to salt water swamps. The soils are Perrine Marl (U.S.D.A., 1946) and undifferentiated mangrove peats (Davis, 1943).

The characteristic species are trees or shrubs and may occur in zones. The outer zone is of Rhizophora mangle. In back of this zone may occur a band of Avicennia geminans and Leguncularia racemosa. The inner zone may contain Conocarpus erectus and Dalbergia ecastophyllum. Not all

these species must or will be present.

Mangroves were common in 1940 on both sides of the Intracoastal Waterway (Maps 1, 2, and 3). Most of these mangroves have replaced coastal fresh water systems present before the dredging of the Intracoastal Waterway and the opening of inlets to the ocean (United States Coast and Geodetic Survey, 1883; Austin, 1976).

SWAMP: Includes all Swamp classifications of Harshberger (1914), Harper (1927) and Davis (1943).

This is any stand of natural fresh water vegetation dominated by tree species, which is seasonally flooded or flooded most of the year. The most common soils are Lauderhill and Dania mucks (U.S.D.A., 1971), Davie mucky fine sand, and Pompano fine sand (U.S.D.A., 1946).

The most common species are:

Trees

Taxodium distichum, Acer rubrum, Persea borbonia, Salix caroliniana, Ficus citrifolia, Quercus laurifolia, Magnolia virginiana, Fraxinus caroliniana

Shrubs

Psychotria nervosa, Psychotria sulzneri, Myrsine guianensis, Myrica cerifera, Baccharis halimifolia

Herbs

Sagittaria lancifolia, Thalia geniculata, Pontedaria lanceolata, Nuphar luteum, Utricularia cornuta, Crinum americanum, Cladium jamaicense, Lemna perpusilla, Thelypteris totta, Blechnum serulatum, Osmunda regalis, Nephrolepis exaltata

Vines

Smilax auriculata, Smilax laurifolia, Vitis shuttleworthii,
Vitis rotundifolia, Parthenocissis quinquefolia, Toxicodendron
radicans

Epiphytes

Tillandsia fasciculata, Tillandsia utriculata, Tillandsia
usneoides, Tillandsia setacea, Tillandsia balbisiana, Epidendrum
rigidum, Encyclia tampensis, Epidendrum anceps, Polypodium
polypodioides, Campyloneuron phyllitidis, Phylebodium aureum

Swamp was common in Broward County along riverine systems (e.g. Cypress Creek, Middle River, and New River) and on the Western section of the Atlantic Coastal Ridge south to New River (Maps 1 and 2).

SCRUB: = Sand Pine Scrub (Davis, 1943); = Pine Barrens (Romans, 1775).

This is the characteristic vegetation of sand ridges of St. Lucie, Paola, and Pomello sands (U.S.G.S., 1973). Scrub is not known to occur at elevation less than 10 to 15 feet above sea level. Fire is important in maintaining Scrub and burning commonly occurs every 20 to 40 years (Department of Natural Resources, 1975). The species display xeric adaptations such as small thick or succulent leaves, and specialized underground parts. Suckers are very common as a means of reproduction. The most common species are:

Trees

Pinus clausa (sometimes not present), Pinus elliotii
(common secondary tree in overburned or eroded Scrub)

Shrubs

Quercus virginiana var. geminata, Quercus myrtifolia,
Quercus chapmani, Quercus minima, Serenoa repens, Ceratiola
ericoides, Ximenia americana, Licania michauxi, Lyonia
ferruginea, Lyonia lucida, Vaccinium myrsinites

Herbs

Polygonella gracilis, Polygonella fimbriata, Polygonella
polygama, Palafoxia feayi, Sisyrinchium solstitiale, Cladonia
sp. (lichen common on the ground).

Vines

Cassytha filiformis, Smilax laurifolia

Epiphytes

Tillandsia recurvata, Tillandsia balbisiana

Scrub occurs in Broward County mostly west of the Intracoastal Waterway from the Palm Beach County line to Dade County and is transversed by Swamp and Marsh systems (Maps 1, 2, and 3). The largest Scrub ridge is transversed to the north by the Hillsboro River system and to the south by the Cypress Creek system (Map 1).

PINE FLATWOODS: = Slash Pine (Harshberger, 1914); = Flatwoods (Harper, 1927); = Dry Pineland and Wet Pineland (Long & Lakela, 1971).

Pine Flatwoods occur where soils are moderately to well drained and are of fairly uniform elevation. This habitat was not common on the Atlantic Coastal Ridge of southern Florida (Mackay, 1845; Ives, 1856; Williams, 1870), even though previous authors believed Pine Flatwoods was the

Pine Flatwoods is secondary to Wet Prairie or Scrub. Commonly, several Scrub species were included by earlier authors when defining Pine Flatwoods such as Quercus virginiana var. geminata, Quercus myrtifolia, Quercus minima, and Licania michauxii (Harshberger, 1914; Harper, 1927; Davis, 1943). Pine Flatwoods may occur on Immokalee soil (Davis, 1943), but also occurs on a variety of other soil types such as Arzell and Broward fine sands (Wet Prairie soils) and St. Lucie sands (Scrub soil). The presence of Pine Flatwoods in Wet Prairie is mostly due to drainage of soils since the turn of the century. Scrub may be replaced by Pine Flatwoods if the burning cycle is increased. The normal burning cycle for Pine Flatwoods is from 3 to 7 years (Hofstetter, 1974).

Pine Flatwoods in South Florida has the following common species:

Trees

Pinus elliotii (at least 3 trees per acre)

Shrubs

Serenoa repens and Ilex glabra (two most common shrubs),
Lyonia ferruginea, Lyonia lucida, Befaria racemosa

Herbs

Coreopsis leavenworthii, Heliotropium polyphyllum,
Hypericum tetrapetalum, Satureja rigida

Pine Flatwoods was not common in Broward in 1940. A few scattered stands occurred bordering the everglades (Map 2) and in the southern section of the county 3 - 5 miles inland (Map 3).

3 to 5 miles inland (Map 3).

DRY PRAIRIE: = Palm Savana (Harper, 1927); = Palmetto Prairie, K uchler (1964).

Dry Prairie is similar to Pine Flatwoods in soil and species composition except Pinus elliotii does not exceed two trees per acre (Harper, 1927). Commonly, Dry Prairie is secondary to Scrub as well as Pine Flatwoods. The burning cycle for Dry Prairie is less than three years, therefore Dry Prairie may be third growth replacing vegetation with less severe burning cycles (e.g. Pine Flatwoods, Scrub).

Except for the lack of Pinus elliotii, the typical species plants of Dry Prairies are the same as Pine Flatwoods (see Pine Flatwoods) but Serenoa repens is the dominant species.

In Broward County, Dry Prairie occurred in the northern section 4 to 6 miles inland (Map 1) and in the southern section 3 to 5 miles inland (Map 3).

WET PRAIRIE: = Includes all Wet Prairie classifications of Davis (1943).

This is low dominantly "grassy" vegetation of seasonally wet soils. Most commonly the soils are Arzell and Broward fine sands (U.S.D.A., 1946). A surface layer of muck up to a few inches deep may occur in wetter sites such as temporary ponds.

Characteristically Wet Prairie lack trees but Pinus elliotii may occur in dryer sites or Taxodium distichum be widely scattered in wetter sites. The typical species are:

Shrubs

Myrica cerifera, Baccharis halimifolia

Herbs

Aristida patula, Spartina bakerii, Andropogon glomeratus,
Panicum purpurascens, Hypericum fasciculatum, Oxypolis
filiformis, Pluches rosea, Rhynchospora corniculata, Flaveria
linearis, Eupatorium coelestinum, Xyris jupicai, Sabatia
grandiflora, Sabatia campanulata

Wet Prairies were common in Broward County interspersed with Marsh or Swamp bordering the Everglades and were also present in depressions within Scrub ridges (Maps 1, 2, and 3).

MARSH: = Includes Flag Marsh, Saw Grass Marsh, Aquatic Marsh, Cat-tail Marsh, and Fern Marsh of Davis (1943).

Marsh is treeless fresh water vegetation on soils that are seasonally wet or covered with water most of the year. This is the characteristic vegetation of the Everglades. Soils usually have a thick muck layer of a few to several feet. Some of these soils are Everglades peat, Okeelanta muck, and Parkwood sandy loam (U.S.D.A., 1946).

The most common species are:

Shrubs

Myrica cerifera, Salix caroliniana, Baccharis halimifolia,
Ludwigia octovalvis, Ludwigia peruviana

Herbs

Cladium jamaicense, Sagittaria lancifolia, Pluchea
odorata, Pontedaria lanceolata, Nuphar luteum, Nymphaea odorata,
Utricularia purpurea, Blechnum serrulatum, Thelypteris totta,
Sabatia grandiflora, Sabatia campanulata, Panicum hemitomom,
Spartina bakerii

In Broward County, Marsh was common in transverse depressions which cut through Scrub ridges and also in the section of the Atlantic Coastal Ridge bordering the Everglades (Maps 1, 2, and 3).

Examination of Floristic Composition

Floristic relationships between Broward County and southern Florida (Long & Lakela, 1971) are as follows:

<u>Floristic Character</u>	<u>Broward County</u>	<u>"Tropical Florida"</u>
# Ferns and Fern Allies	30	76
# Cycads	1	1
# Conifers	3	5
# Flowering Plants	611	1,564
% Dicotyledons	73%	69%
% Monocotyledons	27%	31%
# Flowering Plant Families	108	137
% Tropical	63%	61%
% Temperate	37%	39%
% Endemic	7%	9%
% Exotic	8%	16%
# Total Species	645	1,647

The difference in percent exotics between southern Florida and Broward County (16% vs 8%) is due in large part to Long and Lakela's (1971) inclusion of many cultivated species. There is evidence for the following species persisting after cultivation but not having been naturalized: Mangifera indica L., Manihot esculenta Crantz., Jatropha curcas L., Jatropha gossypifolia L., Tropaeolum majus L., Dalbergia sissoo Roxb., Parkinsonia aculeata L., Cinnamomum

camphora (L.) Nees & Eberm., Persea americana Mill., Annona squamosa L. Grevillea robusta A. Cunn., Plumbago capensis Thumb., Manilkara zapota (L.) Royen, Ligustrum ovalifolium Hassk., Thevetia peruviana (Pers.) Schum., Allamanda cathartica L.

Currently in Broward County Schinus terebinthifolius, Casuarina equisetifolia, and Melaleuca quinquenervia are three exotic tree species with a biomass that may exceed the total of all the natives species put together. These species spread into any habitat that is disturbed. The prevalence of these species in Broward County is due to the high degree of urbanization and drainage. Other important exotic species are Casuarina glauca, Ricinus comunis, Catharanthus roseus and Kalanchoe grandiflora.

CHECKLIST OF THE VASCULAR FLORA

PTERIDOPHYTA

Aspidiaceae

Thelypteris kunthii (Desvaux) Morton. =T. normalis
(C. chr.) Small. Swamp, Hammocks. Davison s.n. (FAU).

Thelypteris palustris Schott var. haleana Fern. =Dryopteris
thelypteris (L.) Gray. Swamp, Marsh. (NC).

Thelypteris serrata (Cav.) Alston. =Meniscium serratum
Cav. Swamp. Hancock s.n. (FAU).

Thelypteris totta (Thunb.) Schelpe. =T. gongylodes
(Schk.) Small. Swamp, Hammocks. (NC).

Aspleniaceae

Asplenium nitidus L. Swamp. (NC).

Asplenium serratum L. Swamp. Holland s.n. (FAU).

Blechnaceae

Blechnum serrulatum Richard. Hammocks, Swamp.
Esparza 23 (FAU).

Woodwardia virginica (L.) Sm. = Anchistea virginica
Presl. Swamp, Hammocks. (NC).

Davalliaceae

Nephrolepis exaltata (L.) Schott. Swamp, Low Hammock,
Marsh, Disturbed sites. Exotic. Schneider s.n. (FAU).

Nephrolepis biserrata Schott. Hammocks, Swamp.
Lohr s.n. (FAU).

Lycopodiaceae

Lycopodium adpressum (Chapm.) Lloyd & Underw. Swamp,
Marsh, Wet disturbed sites. (NC).

Ophioglossum petiolatum Hook. Swamp (NC).

Osmundaceae

Osmunda regalis L. var. spectabilis (Willd.) Gray.
= O. spectabilis Willd. Swamp. Abbott s.n. (FAU).

Ceratopteris pteridoides (Hook.) Hieron. = C. deltoidea
Benedict. Marsh. (NC).

Polypodiaceae

Campyloneurum phyllitidis (L.) Presl. Swamp, Hammocks.
Schneider s.n. (FAU).

Phlebodium aureum (L.) Sm. =Polypodium aureum L.
Swamp, Hammocks. Austin 4253 (FAU).

Polypodium polypodiodes (L.) Watt. =Marginaria
polypodiodes Tidestrom. Swamp, Hammocks. Steinberg s.n. (FAU).

Pteridaceae

Acrostichum danaeaeefolium Langsd & Fisch. Swamp, Marsh,
Mangrove, Wet disturbed sites. Lohr s.n. (FAU).

Pteridium aquilinum (L.) Kuhn var. caudatum (L.)
Sadebeck. =P. caudatum Maxon. Hammocks, Scrub, Disturbed
sites. Wilhelm 57 (FAU).

Pteris tripartita (Sw.) Presl. =Litobrochia marginata
Presl.; P. marginata Bory. Swamp. Exotic. Lohr s.n. (FAU).

Pteris vittata (L.) Small. Swamps. Moore s.n. (FAU).

Pteris longifolia L. =Pycnodoria bahamensis (Ag.)
Small. Pine Flatwoods. (NC).

Psilotaceae

Psilotum nudum (L.) Beauv. =P. nudum L.; =P. triguetrum
Sw. Swamp, Hammocks. Thompson 9 (FAU).

Salviniaceae

Azolla caroliniana Willd. Canals, Marsh, Swamp.

Exotic. (NC).

Salvinia rotundifolia Willd. =S. auriculata Aubl.

Canals, Swamp, Marsh. (NC).

Selaginellaceae

Selaginella arenicola Underw. =S. acanthonoda Underw.;

=S. arenicola Underw. var. acanthonoda (Underw.) Tryon.

Scrub. (NC).

Schizeaceae

Anemia adiantifolia (L.) Sw. Pine Flatwoods. Abel s.n.

(FAU).

Lygodium japonicum (Thunb.) Sw. Swamp, Wet disturbed

sites. Exotic. (NC).

Vittariaceae

Vittaria lineata (L.) Sm. Hammocks, Swamp. Steinberg

s.n. (FAU).

SPERMATOPHYTA

GYMNOSPERMAE

Cycadaceae

Zamia pumila L. =Z. umbrosa Small. Hammocks, Scrub.
Steinberg s.n. (FAU).

Pinaceae

Pinus clausa Engelm. Sarg. Scrub. Steinberg s.n. (FAU).
Pinus elliottii Engelm. var densa Little & Dorman.
=P. caribaea sensu Small. not Morelet. Abbott s.n. (FAU).

Taxodiaceae

Taxodium distichum (L.) Richard. =T. ascendens Brogn.
Swamp. Steinberg s.n. (FAU).

ANGIOSPERMAE

MONOCOTYLEDONEAE

Agavaceae

Agave decipiens Baker. Strand, Hammocks. Exotic.
Steinberg s.n. (FAU).

Sansevieria thysifolia Thumb. Cordyline guineensis (L.)

Britt, =*S. guinensis* Willd. Persistent in older sites.
Exotic. (NC).

Yucca aloifolia L. Strand. Durako s.n. (FAU).

Alismataceae

Sagittaria lancifolia L. Marsh, Wet Prairie, Moist
disturbed sites. Bauer s.n. (FAU).

Sagittaria latifolia Willd. =*S. pubescens* Muhl.
=*S. viscosa* C. Mohr. Marsh, Swamp. Roestad s.n. (FLAS).

Amaryllidaceae

Aletris lutea Small. Pine flatwoods, Dry Prairie, Wet
Prairie. Thompson 24 (FAU).

Crinum americanum L. Swamp, Marsh. Steinberg s.n. (FAU).

Hymenocallis latifolia (Mill.) Roem. Marsh, Wet
Prairie. Endemic. Yates s.n. (FAU).

Hymenocallis palmeri Wats. Wet Prairie, Marsh, Swamp.
Endemic.

Zephranthes simpsonii Chapm. Pine flatwoods, Dry
Prairie, Wet Prairie. Endemic. Sullivan s.n. (FAU).

Araceae

Peltandra virginica (L.) Schott & Endl. Swamp.
Hopkins 42 (FAU).

Pistia stratiotes L. Canals, Ditches, Ponds. Ward & Burch 3336 (UF).

Arecaceae

Cocothrinax argentata (Jacq.) Barleg. =C. juncanda Sargi =C. garberi Sarg.; =C. garberi Sarg.; =Palma argentata Jacq. Tropical Hammock. Steinberg s.n. (FAU).

Cocos nucifera L. Naturalized and cultivated. Exotic. Steinberg s.n. (FAU).

Serenoa repens (Bartr.) Small. Pine Flatwoods, Scrub, Dry Prairie, Low Hammock, Strand. Studly s.n. (FAU).

Sabal etonia Swingle ex Nash. Scrub, Dry Prairie. Endemic. Small & Carter (UF).

Sabal palmetto (Walt.) Lodd ex Schultes. =S. jamesiana Small. Hammocks, Strand, Dry Prairie, Pine Flatwoods. Steinberg s.n. (FAU).

Bromeliaceae

Tillandsia balbisiana Schultes. Swamp, Low Hammock, Scrub. Lawson 41 (FAU).

Tillandsia circinata Schlecht. =T. paucifolia Baker; =T. bulbosa Chapm. not Hook. Swamp. Ward 1895 (UF).

Tillandsia fasciculata Sw. =T. hystericina Small. Swamp, Hammocks. Thompson 27 (FAU).

Tillandsia flexuosa Sw. =T. aloifolia Hook. Scrub, Hammocks. Laessie s.n. (UF).

Tillandsia polystachya L. =Renealmia polystachya L. Swamp, Hammocks. Det. D.B. Ward 1893 (UF).

Tillandsia recurvata L. =Diaphoranthema recurvata (L.) Beer. Swamp, Hammocks, Scrub. Shaw 42 (FAU).

Tillandsia setacea Sw. =T. tenuifolia L. Hammocks, Swamp. Steinberg s.n. (FAU).

Tillandsia usneoides L. =Dendropogon usneoides (L.) Raf. Swamp, Low Hammock. Coleman 26 (FAU).

Tillandsia utriculata L. Hammocks, Swamp. Steinberg s.n. (FAU).

Cannaceae

Canna flaccida Small. Swamp, Marsh, Wet Prairie. Steinberg s.n. (FAU).

Commelinaceae

Commelina erecta L. Disturbed sites, Scrub. Bauer s.n. (FAU).

Commelina diffusa Burm. f. Disturbed sites. Shaw 43 (FAU).

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Cyperaceae

Cladium jamaicense Crantz. =Mariscus jamaicensis (Crantz.)
Britt.; =C. effusum (Sw.) Torr. Marsh, Swamp. Schuessler
s.n. (FAU).

Cyperus brevifolius (Rottb.) Hassk. =Kylinga brevifolia
L. Disturbed sites. McCart 11,243 (FAU).

Cyperus globulosus Aubl. =C. echinatus (Ell.) Wood.
Disturbed sites. McCart 10,861 (FAU).

Cyperus haspan L. Pine Flatwoods, Wet Prairie, Swamp.
(NC).

Cyperus iria L. Wet Prairie, Disturbed sites. Exotic.
Kinbacher & McCart 10,050 (FAU).

Cyperus ligularis L. Wet Prairie, Disturbed sites.
Kinbacher & McCart 10,053 (FAU).

Cyperus nashii Britt. Scrub. Endemic. Atwater s.n.
(FAU).

Cyperus odoratus L. =C. ferex Richard. Wet Prairie,
Disturbed sites. Kinbacher & McCart 10,008 (FAU).

Cyperus planifolius Richard. =C. brunneus Sw. Strand,
Disturbed sites. Trionfo s.n. (FAU).

Cyperus polystachyos Rottb. =C. paniculatis Rottb.
Marsh, Wet Prairie, Disturbed sites. McCart 10,864 (FAU).

Cyperus rotundus L. Disturbed sites. Exotic.
Kaighin & McCart 9678 (FAU).

Cyperus strigosus L. Marsh. (NC).

Cyperus virens Michx. Marsh, Wet Prairie, Disturbed sites. McCart 10,887 (FAU).

Dichromena colorata (L.) Hitchc. Wet Prairie, Disturbed sites. Davison s.n. (FAU).

Dichromena floridensis Britt. Wet Prairie, Disturbed sites. Endemic. Moore 22 (FAU).

Dichromena latifolia Baldw. Wet Prairie, Disturbed sites. Zurawski s.n. (FAU).

Eleocharis balwinii (Torr.) Chapm. Disturbed sites. Small s.n. (UF).

Eleocharis cellulosa Torr. Wet disturbed sites. Jennings s.n. (UF).

Eleocharis geniculata (L.) R&S. =E. caribaea (Rottb.) Blake. Canal banks. Saponaro 249 (FAU).

Eleocharis interstincta (Vahl) R&S. Marsh. Weldon s.n. (UF).

Fimbristylis miliacea (L.) Vahl. Marsh, Wet Prairie. McCart 10,883 (FAU).

Fimbristylis spathacea Roth. Wet Prairie, Mangrove. Kinbacher, Ross & McCart 10,067 (FAU).

Fuirena scirpoidea Michx. Strand, Wet Prairie. Steinberg s.n. (FAU).

Fuirena squarrosa Michx. =F. hispida Ell.; =F. breviseta Cov. Marsh, Wet Prairie. McCart 10,889 (FAU).

Remirea maritima Aubl. Strand. (NC).

Rhynchospora corniculata (Lam.) Gray. Marsh, Wet disturbed sites. Atwater s.n. (FAU).

Rhynchospora divergens M. A. Curtis. Marsh, Wet Prairie,
Low Pinelands. Endemic. O. Lakela 28,423 (UF).

Rhynchospora megalocarpa Gray. =R. dodecandra Baldw.;
=R. pycnocarpa Gray. Scrub. (NC).

Schoenus nigricans L. Wet Prairie, Pine Flatwoods.
Will s.n. (FLAS).

Scirpus validus Vahl. Swamp, Marsh, Wet Prairie.
Stimson 851 (FLAS).

Scleria georgiana Core. =S. graciles Small. Wet Prairie.
Steinberg s.n. (FAU).

Scleria reticularis Michx. var. pubescens Britt. Marsh.
(NC).

Scleria triglomerata Michx. =S. nitida Willd. Hammock
margins. Davis s.n. (UF).

Scleria verticellata Muhl. Wet Prairie, Marsh. (NC).

Eriocaulonaceae

Eriocaulon compressum Lam. Wet Prairie, Pine Flatwoods.
Thompson 22 (FAU).

Eriocaulon decangulare L. Wet Prairie, Pine Flatwoods.
Kirk s.n. (FAU).

Lachnocaulon anceps (Walt.) Morong. =L. floridanum
Small; =L. glabrum Koern. Pine Flatwoods, Wet Prairie.
Bogs 56 (FAU).

Haemodoraceae

Lachnanthes caroliniana (Lam.) Dandy = L. tintoria (Walt.)
Salisb. Wet Prairie, Marsh. McCart 10,728 (FAU).

Hydrocharitaceae

Hydrilla verticillata Royle. Canals. Exotic. Denike
s.n. (FAU).

Thalassia testudinum Koenig & Sims. Mangrove (NC).

Vallisneria neotropicalis Marie-Victorin. Swamp. (NC).

Iridaceae

Nemastylis floridana Small. Pine Flatwoods. Thompson &
Lawson 17 (FAU). Identity of specimen uncertain.

Sisyrinchium miamiense Bicknell. Pine Flatwoods, Wet
Prairie. Lohr s.n. (FAU).

Sisyrinchium solstiale Bicknell. Scrub. Endemic.
Steinberg s.n. (FAU).

Juncaceae

Juncus biflorus Michx. Wet Prairie. Hammack 41 (FAU).

Juncus effusus L. Wet Prairie, Marsh. Steinberg s.n.
(FAU).

Juncus megacephalus M. A. Curtis. Wet Prairie. Hammack
42 (FAU).

Juncus polycephalus Michx. Wet Prairie. Atwater 42 (UF).

Lemnaceae

Lemna perpusilla Torr. Marsh, Canals. McCart 10,727
(FAU).

Liliaceae

Lilium catesbaei Walt. Pine Flatwoods, Wet Prairie.
Austin s.n. (FAU).

Schoenolirion elliottii Gray. Marsh, Pine Flatwoods.
King 44 (FAU).

Marantaceae

Thalia geniculata L. Swamp, Marsh. Steed s.n. (FAU).

Najadaceae

Najas marina L. Marsh, Canals. Denike s.n. (FAU).

Orchidaceae

Calopogon pulchellus Salisb. =Limodorum simpsonii
(Chapm.) Mohr. Wet Prairie, Marsh. Schneider s.n. (FAU).

Cyrtopodium punctatum (L.) Lindl. =Epidendrum punctatum
L. Hammocks. (NC).

Encyclia tampensis (Lindl.) Small. Swamp. Sullivan s.n. (FAU).

Epidendrum anceps Jacq. =Amphiglottis anceps (Jacq.) Britt. Hammocks, Swamp. (NC).

Epidendrum rigidum Jacq. =Spathiger rigidus (Jacq.) Small. Hammocks, Swamp. Steinberg s.n. (FAU).

Eulophia alta (L.) Fawc. & Rendle; Hammocks, Swamp, Wet Prairie, Marsh. Steinberg s.n. (FAU).

Habenaria strictissima Reichenb. f. var. odontopetala (Reichenb. f.) L. O. Wms. =H. garberi (Porter) Small; =H. odontopetala (Reichenb. f.) Small. Swamp, Low Hammock. (NC).

Polystachya extinctoria Reichenb. f. =P. minuta Aubl.; =P. luteola s. w. Hook. Hammocks, Swamp. (NC).

Spiranthes cernua (L.) Richard. =S. odorata (Nutt.) Lindl. Wet Prairie, Marsh. Abel s.n. (FAU).

Spiranthes tortilis (Sw.) Richards. =Ibidium tortile (Sw.) House. Hammocks. (NC).

Zeuxine strateumatica (L.) Schltr. Disturbed sites, Hammocks, Wet Prairie. Exotic. Abel s.n. (FAU).

Poaceae (=Graminae)

Andropogon cabanesii Hack. Pine Flatwoods, Dry Prairie. Endemic. (NC).

Andropogon capillipes Nash. Scrub, Pine Flatwoods, Dry Prairie. Abbott s.n. (FAU).

Andropogon glomeratus (Walt.) Culms. Wet Prairie, Dry Prairie, Pine Flatwoods. Lawson 21 (FAU).

Andropogon longiberbis Hack. Pine Flatwoods, Dry Prairie. (NC).

Andropogon virginicus L. Pine Flatwoods, Dry Prairie, Wet Prairie, Disturbed sites. (NC).

Aristida patula Chapm. ex Nash. Wet Prairie. Endemic. Kinbacher & McCart 9997 (FAU).

Aristida purpurascens Poir. Pine Flatwoods, Dry Prairie, Wet Prairie. Kinbacher & McCart 10,026 (FAU).

Aristida gyrans (Chapm.) Vasey. Pine Flatwoods, Dry Prairie. (NC).

Aristida spiciformis Ell. Pine Flatwoods, Wet Prairie. (NC).

Bambusa vulgaris Schrad. Disturbed sites. Exotic. Abbott s.n. (FAU).

Cenchrus echinatus L. Disturbed sites. Kinbacher, Ross & McCart 10,090 (FAU).

Cenchrus gracillimus Nash. Disturbed sites. Link 6 (FAU).

Cenchrus incertus M. A. Curtis. Strand, Disturbed sites. Steed s.n. (FAU).

Cenchrus tribuloides L. Disturbed sites. (NC).

Chloris glauca (Chapm.) Wood. Pine Flatwoods, Dry Prairie, Disturbed sites. Steinberg s.n. (FAU).

Chloris petracea Sw. Disturbed sites. Steinberg s.n.
(FAU).

Cynodon dactylon Pers. Exotic. Disturbed sites. (NC).

Dactyloctenium aegyptium (L.) Beauv. Marsh, Disturbed
sites. Snyder & McCart 9525 (FAU).

Distichlis spicata (L.) Greene. Strand. McCart 11,272
(FAU).

Echinochloa walteri (Pursh.) Heller. Wet disturbed
sites. McCart 10,859 (FAU).

Eleusine indica (L.) Gaertn. Wet disturbed sites.
Kaighin & McCart 9674 (FAU).

Eragrostis amabilis (L.) Wight & Arn. ex Nees. =E.
tenella (L.) Beauv. Disturbed sites. Overholts s.n. (UF).

Eragrostis ciliaris (L.) R. Br. Wet Prairie, Disturbed
sites. McCart 10,876 (FAU).

Eragrostis elliotti S. Wats. Marsh, Wet Prairie,
Disturbed sites. Stimson 872 (FLAS).

Eragrostis frankii C. A. Meyer. Wet Prairie. McCart
10,875 (FAU).

Eragrostis spectabilis (Pursh) Steud. Pine Flatwoods,
Dry Prairie, Wet Prairie. Kinbacher & McCart 10,025 (FAU).

Erianthus giganteus (Walt.) Muh. =E. saccharoides Michx.
Marsh, (NC).

Hyparrhennia rufa (Nees.) Stapf. Disturbed sites.
Exotic. McCart 11,242 (FAU).

Muhlenbergia filipes M. A. Curtis =M. capillaris var.
filipes (M. A. Curtis) Chapm. Wet Prairie. Holland 2 (FAU).

Panicum bartowense Scribn. & Merr. Marsh. Kinbacher, Ross & McCart 10,196 (FAU).

Panicum dichotomiflorum Michx. Wet Prairie. McCart 10,860 (FAU).

Panicum hemitomon Schult. Marsh, Ponds, Wet disturbed sites. West & Arnold s.n. (UF).

Panicum ensifolium Baldw. ex Ell. Pine Flatwoods, Dry Prairie. McCart 11,338 (FAU).

Panicum portoricense Desv ex Hamilt. Pine Flatwoods, Wet Prairie, Dry Prairie. McCart 11,339 (FAU).

Panicum purpurascens Raddi. Wet Prairie, Wet disturbed sites. Kinbacher, Ross & McCart 10,091 (FAU).

Panicum repens L. Marsh, Wet disturbed sites (NC).

Panicum virgatum L. Pine Flatwoods, Dry Prairie, Hammock margins. Davis s.n. (UF).

Paspalum monostachyum Vasey =P. solitarium Nash. Marsh, Wet Prairie, Wet disturbed sites. Kinbacher & McCart 10,001 (FAU).

Paspalum notatum Flurgge. Wet Prairie, Disturbed sites. Exotic. Guzman 42 (FAU).

Paspalum setaceum Michx. Scrub, Pine Flatwoods, Dry Prairie. (NC).

Paspalum urvillei Steud. Marsh, Disturbed sites. Exotic. Stimson 871 (UF).

Paspalum vaginatum Sw. Strand. Steinberg s.n. (FAU).

Pennisetum purpureum Schum. Wet Prairie, Swamp, Marsh, Disturbed sites. Exotic. Kinbacher, Ross & McCart 10,066 (FAU).

- Phleum pratense L. Disturbed sites. Trionfo s.n. (FAU).
- Phragmites australis (Cav.) Trin. ex Steud. =P. communis Trin. Wet disturbed sites. Steinberg s.n. (FAU).
- Rhynchelytrum repens (Willd.) C. E. Hubbard =R. roseum Stapf. & C. E. Hubbard; =T. rosea Nees. Disturbed sites. Exotic. Steinberg s.n. (FAU).
- Sacciolepis striata (L.) Nash. Marsh. Davis s.n. (FLAS).
- Setaria geniculata (Lam.) Beauv. Wet disturbed sites. Snyder & McCart 9561 (FAU).
- Setaria macrosperma (Scribn. & Merr.) Schum. Hammock margins. Beck s.n. (UF).
- Setaria magna Griseb. Wet disturbed sites. Saponaro 236 (FAU).
- Sorghastrum secundum (Ell.) Nash. Wet Prairie. Kinbacher & McCart 10,032 (FAU).
- Spartina bakerii Merrill. Wet Prairie, Pine Flatwoods. Steinberg s.n. (FAU).
- Sporobolus domingensis (Trin.) Kunth. Wet Prairie. Wet disturbed sites. Kinbacher & McCart 10,028 (FAU).
- Sporobolus indicus (L.) R. Br. Disturbed sites. Stimson 899 (UF).
- Sporobolus poiiretii (Roem. & Schult.) Hitchc. =S. beteroanus. Wet Prairie, Wet disturbed sites. Kinbacher, Ross & McCart 10,089 (FAU).
- Sporobolus virginicus (L.) Kunth. Strand. McCart 11,272 (FLAS).
- Stenotaphrum secundatum (Walt.) Kuntze. Disturbed sites. Exotic. Steinberg s.n. (FAU).

Tripsacum dactyloides L. Wet Prairie, Hammock margins.
(NC).

Uniola paniculata L. Strand. Beck 79 (Birch State Park,
Fl.).

Pontedariaceae

Eichhornia crassipes (Mart.) Solms. Canals, Marsh.
Weiss s.n. (FAU).

Pontedaria lanceolata Nutt. Marsh, Swamp, Canals and
ditches. Noga s.n. (FAU).

Smilacaceae

Smilax auriculata Walt. Hammocks, Disturbed sites,
Dry Prairie, Scrub. Beck 127 (Birch State Park, Fl.).

Smilax bona-nox L. Hammocks, Dry Prairie, Scrub,
Disturbed sites. Steinberg s.n. (FAU).

Smilax laurifolia L. Hammocks. Steinberg s.n. (FAU).

Typhaceae

Typha domingensis Pers. Marsh, Wet disturbed sites.
Elbon s.n. (FAU).

Typha latifolia L. Swamp, Marsh, Canals and ditches.
(NC).

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Xyridaceae

Xyris ambigua Beyr. ex Kunth. Wet Prairie. Schneider
s.n. (FAU).

Xyris brevifolia Michx. Wet Prairie. Weber s.n. (FAU).

Xyris carolinana Walt. Dry Prairie, Wet Prairie. (NC).

Xyris elliottii Chapm. Wet Prairie. (NC).

Xyris jupicai Richard. Wet Prairie. Exotic. Holland 6
(FAU).

DICOTYLEDONAE

Acanthaceae

Dyschoriste oblongifolia (Michx.) Kuntze var. angusta
(Gray) Long =D. angusta (Gray) Small. Wet Prairie. Endemic.
Lucas 47 (FAU).

Elytaria angustifolia Fern. =E. caroliniensis var.
angustifolia (Fern.) Blake =Tubiflora angustifolia (Fern.)
Small. Wet Prairie, Pine Flatwoods. Endemic. McCart 10,874
(FLAS).

Justicia ovata (Walt.) Lindau var. lanceolata (Chapm.)
Long =J. lanceolata (Chapm.) Small. Wet Prairie, Marsh.
Marriage 7 (FAU).

Ruellia brittoniana Leonard ex Fern. - Wet Prairie,
Disturbed sites. Exotic. Schuessler s.n. (FAU).

Ruellia caroliniensis (J. F. Gmel.) Steud ssp. ciliosa

(pursh.) Long =R. heteromorpha Fern.; =R. hybrida sensu
Small. Wet Prairie, Hammocks, Marsh. Exotic. Abel s.n.
(FAU).

Stenandium dulce (Cav.) Nees var. floridana Gray
=Gerardia floridana (Gray) Small. Wet Prairie, Pine Flatwoods.
Endemic. Janda 11 (FAU).

Aceraceae

Acer rubrum L. var. tridens Wood. =A. rubrum var.
trilobum K. Kosh; =Rufacer caroliniaum (Walt.) Small. Swamp.
Lohr s.n. (FAU).

Aizoaceae

Mollugo verticillata L. Disturbed sites. Atwater s.n.
(FLAS).

Sesuvium portulacastrum L. Strand, Mangrove. Cravesse
s.n. (FLAS).

Amaranthaceae

Alternanthera maritima (Mart) Standl. =Achyranthes
maritima (Mart.) Standl.; =Telanthera maritima Moq.). Strand,
Hammocks. (NC).

Alternanthera philoxeroides (Mart.) Griseb. =Achyranthes
philoxeroides (Mart.) Standl. Wet Prairie, Disturbed sites.
Johnston s.n. (FAU).

Alternanthera ramosissima (Mart.) Chodat. =Achyranthes ramosissima (Mart.) Standl. =Alternanthera floridana Small. Strand, Hammocks. Weber s.n. (FAU).

Amaranthus australis (Gray) Sauer. =Acnida australis Gray; =Acnida alabamensis Standl. Wet Prairie, Hammock margins. McCart 10,729 (FAU).

Amaranthus cannabinus (L.) Sauer. =Acnida cannabina L.; =Acnida cuspidata Bertero ex Spreng. Strand, Mangrove. (NC).

Amaranthus hybridus L. =A. chlorostachys Willd. Disturbed sites, strand. (NC).

Amaranthus spinosus L. Disturbed sites. Steinberg 32 (FAU).

Amaranthus viridis L. =A. gracilis Desf. Wet Prairie, Disturbed sites. McCart 11,305 (FAU).

Froelichia floridana (Nutt.) Moq. Disturbed sites. (NC).

Gomphrena dispersa Standl. =G. decumbens Moq. Disturbed sites. Atwater 34 (FLAS).

Iresine diffusa Humb., Bopl. & Willd. = Iresine celosia L. =I. celosioides L.; =I. paniculata (L.) Kuntze. Hammocks, Wet Prairie, Disturbed sites. Kinbacher & McCart 10,013 (FAU).

Philoxerus vermicularis (L.) R. Brown. =Iresine vermicularis (L.) Moq. Strand, Kinbacher, Ross & McCart 10,098 (FAU).

Anacardiaceae

Metopium toxiferum (L.) Krug and Urban. Tropical Hammock.
Beck 379 (Birch State Park, Fl.).

Rhus copallina L. var leucantha (Jacq) D.C. =R. leucantha
Jacq. Hammocks, Scrub. Steinberg s.n. (FAU).

Schinus terebinthifolius Raddi. =Rhus terebinthifolia
Schlecht. & Chapm. Disturbed sites. Exotic. Sullivan s.n.
(FAU).

Toxicodendron radicans (L.) Kuntze. =Rhus radicans L.
Hammocks, Disturbed sites. Lohr s.n. (FAU).

Annonaceae

Annona glabra L. =Annona palustris L. Swamp. Elbon
s.n. (FAU).

Asimina reticulata Shuttlew. ex Chapm. =A. cunneata
Shuttlew. =Pityothamus reticulatus (Chapm.) Small. Scrub.
Endemic. Abbott s.n. (FAU).

Apiaceae

Centella asiatica (L.) Urban. =C. erecta (L. f.) Fern.
=C. repanda (Pers.) Small. Wet Prairie, Marsh, Wet disturbed
sites. Steinberg s.n. (FAU).

Cicuta mexicana C & R. =C. maculata L. var. curtissii
(C & R) Fern.; =C. curtissii C & R. Marsh, Swamp. (NC).

Eryngium aromaticum Baldw. Wet Prairie. (NC).

Eryngium baldwinii Spreng. Swamp, Wet Prairie.

Schneider s.n. (FAU).

Eryngium yuccifolium Michx. var. synchaetum Gray. Wet Prairie. Saponara 106 (FAU).

Hydrocotyle umbellata L. Swamp, Marsh, Wet Prairie, Wet disturbed sites. Moore 37 (FAU).

Hydrocotyle verticellata Thumb. Wet disturbed sites, Marsh. Steinberg s.n. (FAU).

Oxypolis filiformis (Walt.) Britt. Marsh, Wet Prairie, Shallow ponds, Swamp. Davis 175 (FLAS).

Ptilimnium capillaceum (Michx.) Raf. Marsh, Swamp, Wet Prairie. Slaton 59 (FAU).

Apocynaceae

Catharanthus roseus (L.). G. Don. =*Lochnera rosea* (L.) Reichenb.; =*Vinca rosea* L.; =*Ammocallis rosea* (L.) Small. Disturbed sites. Exotic. Robertson 35 (FAU).

Echites umbellata Jacq. =*E. echites* (L.) Britton. Pine Flatwoods. Crevasse s.n. (FLAS).

Rhabdadenia biflora (Jacq.) Muell. =*R. paludosa* (Vahl.) Miers; =*Echites biflora* Jacq. Mangrove. Steinberg s.n. (FAU).

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Aquifoliaceae

Ilex cassine L. Swamp. Hopkins 64 (FAU).

Ilex glabra (L.) Gray. Pine Flatwoods, Dry Prairie.
Kinbacher & McCart 10,023 (FAU).

Asclepiadaceae

Asclepias curassavica L. Wet Prairie, Pine Flatwoods.
Exotic. Shaw 35 (FAU).

Asclepias humistrata Walt. Scrub, Wet disturbed sites.
Trionfo s.n. (FAU).

Asclepias lanceolata Walt. Wet Prairie, Marsh, Pine
Flatwoods, Davison s.n. (FAU).

Asclepias tuberosa L. ssp. rolfsii (Britt.) Woodson.
Dry Prairie, Sandy disturbed sites. Abbott s.n. (FAU).

Cynanchum scoparium Nutt. = Amphistelma scoparis (Nutt.)
Small. Hammocks. Beck 65 (Birch State Park, Fl.).

Sarcostemma clausa (Jacq.) R. & S. = Funastrum clausum
(Jacq.) Schlecht. Hammocks, Disturbed sites. Steed s.n. (FAU).

Asteraceae (=Compositae)

Aster caroliniensis Walt. = A. carolinianus Walt.
Marsh, Swamp, Wet Prairie. McCart 10,353 (FAU).

Aster subulatus Michx. var. euroaster Fern and Grisc.
Wet Prairie. Kinbacher & McCart 10,042 (FAU).

Baccharis glomeruliflora Pers. Wet disturbed sites,
Strand, Mangrove. McCart 10,355 (FAU).

Baccharis halimifolia L. var. angustior D. C. Wet
disturbed sites, Strand. Kinbacher, Ross & McCart 10,085
(FAU).

Balduina angustifolia (Pursh) Robinson. Scrub, Pine Flatwoods, Dry Prairie. Will s.n. (FLAS).

Berlandiera subacaulis Nutt. Dry Prairie. Endemic. (NC).

Bidens pilosa L. =B. leucantha L. Disturbed sites. Schwartz 13 (FAU).

Bigelovia nudata (Michx.) DC. =Chondrophora nudata (Michx.) Britt. Pine Flatwoods, Wet Prairie. Endemic. Kinbacher & McCart 10,045 (FAU).

Borrichia arborescens (L.) DC. Strand. Beck 99 (Birch State Park, Fl.).

Carphephorus corymbosus (Nutt.) T & G. Scrub, Pine Flatwoods, Dry Prairie. Ledin s.n. (FLAS).

Carphephorus odoratissimus (J. F. Gmel.) Herb. Wet Prairie. (NC).

Chaptalia tomentosa Vent. =Thysanthea semiflosculare (Walt.) Kuntze. Pine Flatwoods, Wet Prairie. McCart 11,355 (FAU).

Conyza canadensis (L.) Conquist var. pusilla (Nutt.) Conquist. =Leptilon pusillum (Nutt.) Britt.; =Erigeron pusillus Nutt.; =Erigeron canadensis L. Wet Prairie, Wet disturbed sites. Zaffke 55 (FAU).

Cirsium horridulum Michx. =Carduus spinosissimus Walt.; =C. smallii Britton. Wet Prairie, Wet disturbed sites. Slayton 63 (FAU).

Coreopsis gladiata Walt. Wet Prairie, Swamp margins. (NC).

Coreopsis leavenworthii T & G. Wet Prairie. Endemic. Trionfo s.n. (FAU).

Eclipta alba (L.) Hassk. = Verbesina alba L. Wet Prairie, Wet disturbed sites. McCart 10,873 (FAU).

Elephantopus elatus Bertol.; = E. tomentosus L. Dry Prairie, Pine Flatwoods. Kinbacher & McCart 10,040 (FAU).

Emilia javanica (Burm.) C. B. Robinson; = E. coccinea (Sims.) Don. ex Sweet. Wet Prairie, Disturbed sites. Horgan s.n. (FAU).

Emilia sonchifolia (L.) DC. ex Wight. Wet Prairie, Disturbed sites. Courtney, Snyder & McCart 9566 (FAU).

Erechitites hieracifolia (L.) Raf. var. hieracifolia. Wet Prairie, Disturbed sites. Ryder 19 (FAU).

Erigeron quercifolius Lam. Wet Prairie, Disturbed sites. Garlick 29 (FAU).

Eupatorium aromaticum L. = E. jucundum Greene. Wet Prairie, Disturbed sites. Beck 1152 (Birch State Park, Fl.).

Eupatorium capillifolium (Lam.) Small. Disturbed sites, Wet Prairie. Ferris s.n. (FAU).

Eupatorium coelestinum L. = Conoclinium coelestinum (L.) DC. Wet Prairie. Link 23 (FAU).

Eupatorium leptophyllum DC. Wet Prairie, Disturbed sites. McCart 11,253 (FAU).

Eupatorium recurvans Small. Pine Flatwoods, Dry Prairie. (NC).

Eupatorium serotinum Michx. Wet Prairie. (FAU).

Flaveria floridana J. R. Johnston. Strand. (NC).

Flaveria X latifolia (J. R. Johnson) Rydberg. Wet Prairie. Established natural hybrid of F. floridana X F. linearis. Endemic. Schussler s.n. (FAU).

Flaveria linearis Lag. Wet Prairie. McCart 10,356 (FAU).

Gaillardia pulchella Foug. =G. picta Sweet. Strand, Sandy disturbed sites. Johnston s.n. (FAU).

Gnaphalium obtusifolium L. Wet Prairie, Disturbed sites. (FAU).

Gnaphalium purpureum L. =G. spathulatum Lam.; =G. peregrinum Fern.; =G. pensylvanicum Willd. Wet Prairie. Snyder & McCart s.n. (FAU).

Helenium amarum (Raf.) H. Rock. =H. tenuifolium Nutt. Disturbed sites. Ledin s.n. (FLAS).

Helenium pinnatifidum (Nutt.) Rydb. Marsh, Wet Prairie, Pine Flatwoods, Hammocks. McCart 11,354 (FAU).

Helenium vernale Walt. Marsh, Wet Prairie. Steinberg s.n. (FAU).

Helianthus debilis Nutt. Strand. McCart 11,278 (FAU).

Heterotheca graminifolia (Michx.) Shinnars. =Chrysopsis graminifolia (Michx.) Ell.; =Pityopsis tracyi Small). Scrub, Pine Flatwoods, Dry Prairie. Endemic. McCart 11,260 (FAU).

Heterotheca scabrella (T & G) R. W. Long. =Chrysopsis scabrella T & G. Scrub, Dry Prairie. Cruise & Press s.n. (FLAS).

Heterotheca subaxillaris (Lam.) Britt. & Rusby var. subaxillaris; Pine Flatwoods, Dry Prairie. McCart 11,263 (FAU).

Hieracium argyraceum Small. Disturbed areas. Beck 12 (Birch State Park, Fl.).

Iva frutescens L. Mangrove, Strand. (NC).

Iva imbricata Walt. Strand. Beck 3052 (Birch State Park, Fl.).

Iva microcephala Nutt. Wet disturbed sites, Wet Prairie.

(NC).

Lactuca graminifolia Michx. Disturbed sites. Ledin s.n.

(FLAS).

Liatris tenuifolia Nutt. Pine Flatwoods, Dry Prairie,

Wet Prairie. Correll 40,223 (Fairchild Tropical Garden).

Lygodesmia aphylla (Nutt.) DC. Scrub, Pine Flatwoods,

Dry Prairie. Ledin s.n. (FLAS).

Melanthera aspera Jacq. Strand. Slayton 59 (FAU).

Melanthera parvifolia Small. =M. radiata Small. Wet

Prairie, Strand. Endemic. Thompson 39 (FAU).

Melanthera nivea (L.) Small. =M. lobata Small; =M.

hastata Michx. Wet Prairie, Strand. McCart 11,351 (FAU).

Mikania batatifolia DC. Hammocks, Disturbed sites.

Zaffke 2 (FAU).

Mikania scandens (L.) Willd. Hammocks, Disturbed sites.

Coleman 52 (FAU).

Palafoxia feayi Gray. Scrub, Pine Flatwoods, Dry Prairie.

Endemic. (NC).

Palafoxia integrifolia (Nutt.) T & G. =Polypteris

integrifolia Nutt. Scrub, Dry Prairie. Steinberg s.n. (FAU).

Pectis leptcephala (Cassini) Urban. Scrub, Strand,

Disturbed sites. Beck 24 (Birch State Park, Fl.).

Pluchea camphorata (L.) DC. =P. petiolata Cassini.

Wet Prairie. Beck 1344 (Birch State Park, Fl.).

Pluchea odorata Cassini. Hammocks, Disturbed sites.

Coleman s.n. (FAU).

Pluchea purpurascens (Sx.) DC. Hammocks, Pine Flatwoods.
Coleman 22 (FAU).

Pluchea rosea R. K. Godfrey. Wet Prairie, Pine Flatwoods,
Dry Prairie. Fowler s.n. (FAU).

Pterocaulon pycnostachyum (Michx.) Ell. =P. undulatum
(Walt.) Mohr. Pine Flatwoods, Dry Prairie, Disturbed sites.
Gaffney 32 (FAU).

Rudbeckia hirta L. var. floridana (Moore) Perdue.
Disturbed sites. (NC).

Senecio glabellus Poir. Wet Prairie, Disturbed sites.
Shaw 31 (FAU).

Sericocarpus bifoliatus (Walt.) Porter. =Aster tortifolius
Michx. Scrub. Correll 40199 (Fairchild Tropical Garden).

Solidago chapmanii (T & G. Pine Flatwoods, Hammocks.
Bender 14 (FAU).

Solidago fistulosa Mill. Pine Flatwoods, Wet Prairie.
Parkinson s.n. (FAU).

Solidago leavenworthii T & G. Wet Prairie. Burch 57
(FLAS).

Solidago microcephala (Green) Bush. =Euthamia minor
(Michx.) Greene; =Euthamia caroliniana Greene; =S. minor
(Michx.) Fern. Pine Flatwoods, Wet Prairie, Strand. McCart
11277 (FLAS).

Solidago stricta Ait.; =S. petiolata Mill.; =S.
angustifolia Ell. Wet Prairie, Pine Flatwoods. Kinbacher &
McCart 10,043 (FAU).

Sonchus oleraceus L. Disturbed sites. Exotic. Studley
s.n. (FAU).

Tridax procumbens L. Disturbed sites. Exotic. McCart
11279 (FAU).

Verbesina laciniata (Poir.) Nutt. =Phaethusa laciniata
(Poir.) Small. =V. virginica var. laciniata (Poir.) Gray.
Disturbed sites. Beck (Birch State Park, Fl.).

Verbesina virginica L. =Phaethusa virginica (L.) Small.
Dry Prairie, Strand. Kinbacher, Ross & McCart 10,107 (FAU).

Vernonia blodgettii Small. Pine Flatwoods, Dry Prairie.
Endemic. Thompson 30 (FAU).

Veronia cinerea (L.) Lessing =Scheciodes cinerea (L.)
Kuntze. Disturbed sites, Hammock margins. (NC).

Youngia japonica (L.) DC. =Crepis japonica (L.) Benth.
Disturbed sites. Exotic. (NC).

Avicenniaceae

Avicennia geminans (L.) L. =A. nitida Jacq.
Mangrove. Wheeler s.n. (FLAS).

Bataceae

Batis maritima L. Mangrove. (NC).

Boraginaceae

Heliotropium angiospermum Murray. =Schobera angiosperma
(Murray) Britt.; H. parviflorum L. Hammocks. Beck 39 (Birch
State Park, Fl.).

Heliotropium polyphyllum Lehmann. =H. leavenworthii Torr.
Pine Flatwoods, Dry Prairie, Disturbed sites. Shaw 21 (FAU).

Tournefortia gnaphalodes R. Br. =Mallotonia gnaphalodes
Britt. Strand. Crevasse s.n. (FAU).

Brassicaceae

Brassica rapa L. Wet Prairie, Disturbed sites. Exotic.
Wise 56 (FAU).

Cakile edentula (Bigel.) Hook. Strand. (NC).

Cardamine hirsuta L. Disturbed sites. Exotic. Steinberg
s.n. (FAU).

Lepidium virginicum L. Disturbed sites. Sullivan s.n.
(FAU).

Rorippa teres (Michx.) Stuckey. =Radicula walteri (Ell.)
Small; =R. walteri (Ell.) Mohr. Wet disturbed sites. Steinberg
s.n. (FAU).

Burseraceae

Bursera simaruba (L.) Sarg. =Elaphrium simaruba (L.)
Rose. Tropical Hammock. Mariage 23 (FAU).

Cactaceae

Cereus undatus Haw. =Hylocereus undatus (Haw.) Britt. &
Rose. Hammocks, Old habitations. Steinberg s.n. (FAU).

Opuntia compressa (Salisb.) Macbride var. austrina (Small)
L. Benson =0. polycarpa Small; =0. austrina Small. Strand,
Scrub. Steinberg s.n. (FAU).

Opuntia stricta Haw. var. dillenii (Ker.) L. Benson
=0. atropicensis Small; =0. zebrina; =0. keyensis Britt.
Strand, Scrub. Steinberg s.n. (FAU).

Campanulaceae

Lobelia feayana Gray. Wet Prairie. Endemic. Steinberg
s.n. (FAU).

Lobelia glandulosa Walt. Wet Prairie, Marsh. Lohr s.n.
(FAU).

Lobelia paludosa Nutt. Wet Prairie, Marsh. King 50 (FAU).

Capparidaceae

Capparis cynophallophora L. Tropical Hammock. (NC).

Capparis flexuosa L. Tropical Hammock. (NC).

Caprifoliaceae

Sambucus simpsonii Render. Wet disturbed sites, Swamps,
Hammock margins. Bauer s.n. (FAU).

Caricaceae

Carica papaya L. Hammocks, Disturbed sites. Beck s.n.
(Birch State Park, Fl.).

Caryophyllaceae

Drymaria cordata (L.) Willd. ex Roem. & Schultes.
Disturbed sites. (NC).

Stipulicida setacea Michx. Scrub. Smith, Myint & Will
850 (FLAS).

Casurinaceae

Casurina equisetifolia Forst. Disturbed sites. Exotic.
Robertson 28 (FAU).

Casurina glauca Sieb. =C. lepidophloia misappl.
Disturbed sites. Exotic. Steinberg s.n. (FAU).

Ceratophyllaceae

Ceratophyllum demersum L. Canals, Marsh. McCart 11,358
(FAU).

Chenopodiaceae

Chenopodium ambrosiodes L. =Ambrina ambrosiodes (L.)
Spach. Disturbed sites. Sydorick 16 (FAU).

Salicornia virginica L. =S. perennis sensu Small;
=S. ambigua Michx. Mangrove, Strand. (NC).

Chrysobalanaceae

Chrysobalanus icaco L. Strand, Swamp. Misner s.n.
(FAU).

Licania michauxii Prance =Geobalanus oblongifolius
(Michx.) Small; =Crysobalanus oblongifolius Michx; =Geobalanus
pallidus Small. Strand, Scrub. Steinberg s.n. (FAU).

Cistaceae

Helianthemum corymbosum Michx. =Crocanthemum corymbosum
(Michx.) Britt. Pine Flatwoods, Dry Prairie. Beck 37 (Birch
State Park, Fl.).

Lechea cernua Small. Scrub. Steinberg s.n. (FAU).

Lechea patula Leggett =L. exserta Small; =L. prismatica
Small. Scrub. Correll s.n. (Fairchild Tropical Garden).

Combretaceae

Conocarpus erecta L. Mangrove. (NC).

Leguncularia racemosa Gaertn. f. Mangrove. Steinberg
s.n. (FAU).

Convolvulaceae

Calystegia sepium (L) R. Brown. Disturbed Marsh. (NC).

Dichondra carolinensis Michx. =D. repens (Chapm.)

Fl.). Disturbed sites. Arnold s.n. (FLAS).

Evolvulus sericeus Sw. Wet Prairie. Marois 51 (FAU).

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

Hammocks, Swamp, Strand. Studley s.n. (FAU).

Ipomoea indica =Pharbitis cathartica (Poir.) Choisy;

=I. cathartica Poir.; =I. acuminata (Vahl.) R & S. Hammocks, Strand, Disturbed sites. Studley s.n. (FAU).

Ipomoea pes-caprae (L.) R. Brown. Strand. Sullivan s.n.

(FAU).

Ipomoea sagittata Lam. Wet Prairie, Marsh. Pryor s.n.

(FAU).

Ipomoea stolonifera (Cyr.) J. F. Gmel. Strand. (NC).

Jacquemontia reclinata House. Strand. Beck 90 (Birch

State Park, Fl.).

Merremia dissecta (Jacq.) Hall. f. =Ipomoea dissecta

Jacq.; Operculina dissecta (Jacq.) House. Pine Flatwoods, Dry Prairie, Disturbed sites. Steinberg 30 (FAU).

Stylisma villosa (Nash) House =Breweria villosa Nash.

Dry Prairie, Sandy disturbed sites. (NC).

Crassulaceae

Bryophyllum pinnatum (Lam.) Kurz. = *Kalanchoe pinnata* Pers.; = *B. calycinum* Salisb. Disturbed sites, Hammocks. Exotic. Studley s.n. (FAU).

Kalanchoe grandiflora A. Rich. Disturbed sites, Hammocks. Exotic. Janda 31 (FAU).

Cucubitaceae

Melothria pendula L. var. aspera Cogn. = *M. nashii* Small; *M. pendula* var. *microcarpa* (Small) Cogn. Hammocks, Disturbed sites. Moore 31 (FAU).

Melothria pendula L. var. crassifolia (Small) Cogn. = *M. crassifolia* Small. Hammocks, Disturbed sites. Endemic. Crane 8 (FAU).

Momordica charantia L. = *M. balsamina* L. Disturbed sites. Robertson 21 (FAU).

Droseraceae

Drosera capillaris Poir. Acid Wet Prairie. Boston 55 (FAU).

Ebenaceae

Diospyros virginiana L. = *D. mosieri* Small. Hammocks. (NC).

Empetraceae

Ceratiola ericoides Michx. Scrub. Steinberg s.n.
(FAU).

Ericaceae

Befaria racemosa Vent. Pine Flatwoods, Dry Prairie.
Abel s.n. (FAU).

Lyonia ferruginea (Walt.) Nutt. =Xolisma ferruginea
(Walt.) Heller. Pine Flatwoods, Dry Prairie, Scrub.
Steinberg 18 (FAU).

Lyonia fruticosa G. S. Torr. =Xolisma fruticosa (Michx.)
Nash. Scrub, Pine Flatwoods, Dry Prairie. This specimen is
very similar to L. ferruginea. O. Lakela 28,297 (FLAS)
Det: D. B. Ward.

Monotropa brittonii Small; Scrub. (NC).

Vaccinium myrsinites Lam. Pine Flatwoods, Dry Prairie,
Scrub. Davis 20 (FAU).

Euphorbiaceae

Chamaesyce ammanioides (HBK) Small. Euphorbia ammanioides
HBK. Strand. (NC).

Chamaesyce cumulicola Small. Strand, Disturbed sites.
Endemic. (NC).

Chamaesyce hypericifolia (L.) Small. Disturbed sites.
Steinberg 16 (FAU).

Chamaesyce hyssopifolia (L.) Small. Disturbed sites.
Hopkins 43 (FAU).

Chamaesyce mesembryanthemifolia (Jacq.) Dugand.
=C. buxifolia (Lam.) Small. Strand. Endemic. Davis s.n.
(FLAS).

Cnidoscolus stimulosus (Michx.) Engelm. & Gray.
=Bivonea stimulosus (Michx.) Raf.; =Jatropha stimulosus
Michx. Strand. Studley s.n. (FAU).

Croton gladius L. Hammocks, Strand, Scrub. Kaighin
& McCart 9683 (FAU).

Croton punctatus Jacq. Hammocks, Strand, Scrub.
Kinbacher, Ross & McCart 10,102 (FAU).

Drypetes laterifolia Krug & Urban. Tropical Hammock.
Steinberg s.n. (FAU). Identity of specimen in question.

Euphorbia polyphylla Engelm. =Tithymalopsis polyphylla
(Engelm.) Small. Scrub, Strand. Endemic. Correll 40,203
(Fairchild Tropical Garden).

Gymnanthes lucida Sw. Tropical Hammock. (NC).

Phyllanthus amarus Schum. Disturbed sites. Correll
40,200 (Fairchild Tropical Garden).

Phyllanthus carolinensis Walt. Pine Flatwoods, Dry
Prairie, Disturbed sites. McDaniel 9148 (FLAS).

Poinsettia cyathophora (Murray) Kl. & Gke. Disturbed
sites. Sullivan s.n. (FAU).

Poinsettia heterophylla (L.) Kl. & Gke. =Euphorbia
heterophylla L. Disturbed sites. (NC).

Ricinus communis L. Disturbed sites. Exotic. Sydorick
15 (FAU).

Stillingia aquatica Chapm. Swamp, Wet Prairie, Marsh.

Davison s.n. (FAU).

Stillingia sylvatica L. Swamp, Wet Prairie, Marsh.

Austin s.n. (FAU).

Fabaceae

Abrus precatorius L. Low Hammock, Disturbed sites.

Davison s.n. (FAU).

Acacia farnesiana (L.) Willd. =Vachellia farnesiana
(L.) Wight and Arn.; Strand. (NC).

Albizia lebeck (L.) Benth. =Mimosa lebeck L.

Disturbed sites. Exotic. Roestad s.n. (FLAS).

Caesalpinia bonduc Roxb. =Guilandina bonduc L. Strand.

Studley s.n. (FAU).

Canavalia maritima (Abl.) Thouars. =C. obtusifolia
(Lam.) DC. Strand. Kinbacher, Ross & McCart 10,099 (FAU).

Cassia aspera Muhl. =Chamaecrista aspera (Muhl.) Greene;
=C. aspera Chapm.; =C. aspera var. simpsonii (Poll.) Macb.
Pine Flatwoods, Dry Prairie, Disturbed sites. Kinbacher &
McCart 10,055 (FAU).

Cassia bahamensis Mill. Strand. (NC).

Cassia bicapsularis L. Swamp, Wet disturbed sites,
Mangrove. Steinberg s.n. (FAU).

Cassia fasciculata Michx. =Chamaecrista fasciculata
(Michx.) Greene. Disturbed sites, Pine Flatwoods, Dry
Prairie. Bauer s.n. (FAU).

Cassia keyensis (Pennell) McBride. =Chamaecrista keyensis
Pennell. Strand. Endemic. Beck 55 (Birch State Park, Fl.).

Cassia obtusifolia L. =Emelista tora (L.) Britt & Rose.

Pine Flatwoods, Disturbed sites. Durako s.n. (FAU).

Centrosema virginicum (DC.) Benth. =Bradburya virginiana

(L.) Kuntze. Strand. Pryor s.n. (FAU).

Crotalaria incana L. Disturbed sites. Schussler s.n.

(FAU).

Crotalaria mucronata Desv. =C. striata DC. Disturbed

sites. Lohr s.n. (FAU).

Crotalaria pumila Ortega. Strand. McCart 11,319

(FAU).

Crotalaria purshii DC. Disturbed sites. Link 35 (FAU).

Crotalaria retusa L. Pine Flatwoods, Strand, Dry Prairie.

Exotic. Pryor s.n. (FAU).

Dalbergia ecastophyllum (L.) Benth. Mangrove. Beck 58

(Birch State Park, Fl.).

Dalea carthaginensis (Jacq.) Macbride. ssp. domingensis

(DC.) Clausen. =D. domingensis DC.; =Parosela floridana Rydb.

Hammocks, Pine Flatwoods. Beck 70 (Birch State Park, Fl.).

Desmodium canum (J. F. Gmel.) Schinz & Thellung.

=Meibomia cana (Gmel.) Blake; =Meibomia incana Cook & Collins;

=Meibomia supina (Sw.) Britt. Disturbed sites. Pryor s.n.

(FAU).

Erythrina herbacea L. =E. arborea (Chapm.) Small.

Strand, Hammocks. Sanders 24 (FAU).

Galactia elliotii Nutt. Pine Flatwoods, Scrub, Dry

Prairie. Schneider s.n. (FAU).

Galactia macreei M. A. Curtis. Pine Flatwoods, Scrub,

Dry Prairie. Lohr s.n. (FAU).

Galactia volubilis (L.) Britt. Strand. Will s.n.

(FLAS).

Indigofera keyensis Small. =I. subulata Vahl. Strand, Scrub, Disturbed sites. Endemic. (NC).

Lupinus diffusus Nutt. Strand, Scrub. (NC).

Melilotus alba Derr. Disturbed sites. Kaighnin & McCart 9,682 (FAU).

Neptunia pubescens Benth. var. pubescens. =N. floridana Small; =N. lindheimeri Robinson; =N. pubescens var. floridana (Small) Turner; =N. pubescens var. lindheimeri (Robinson) Turner. Strand. Moore 29 (FAU).

Petalostemon carneum Michx. =P. roseum Nutt. Pine Flatwoods, Wet Prairie. Abel s.n. (FAU).

Petalostemon feayi Chapm. Scrub. (NC).

Phaseolus lathyroides L. Disturbed sites. Exotic. (NC).

Pithecellobium keyense Britt ex Coker. =P. guadelupense Chapm. Hammocks. Beck s.n. (FLAS).

Rhynchosia parvifolia DC. =Dolicholus parvifolius Vail; =Leucopteron parvifolium (DC.) Small. Pine Flatwoods, Dry Prairie. (NC).

Sesbania exaltata (Raf. Cory. =Sesban exaltatus (Raf.) Rydb.; =S. macrocarpa Muhl. Disturbed sites. McCart 10,867 (FAU).

Sophora tomentosa L. Strand. Beck 7 (Birch State Park, Fl.).

Tephrosia curtissi (Small) Shinnars. Strand. Endemic. (NC).

Trifolium repens L. Disturbed sites. Exotic. Sullivan s.n. (FAU).

Vicia acutifolia L. Swamps, Disturbed sites. Abel s.n. (FAU)1

Vigna luteola (Jacq.) Benth. =V. repens (L.) Kuntze. Disturbed sites. Steinberg 13 (FAU).

Fagaceae

Quercus chapmanii Sarge. Low Hammock, Scrub. (FAU).

Quercus laurifolia Michx. =Q. phellos var. laurifolia Chapm. =Q. obtusa (Willd.) Ashe; =Q. rhombica Sarg. Low Hammock, Swamp. Hopkins 17 (FAU).

Quercus minima (Sarg.) Small. =Q. virens var. dentata Chapm.; Q. virginiana var. minima Sarg.; =Q. virginiana var. dentata Sarg. Dry Prairie, Scrub. O. Lakala 28,321 (FLAS).

Quercus myrtifolia Willd. Scrub. Steinberg s.n. (FAU).

Quercus virginiana Mill. var. geminata Sarg. =Q. geminata Small; =Q. virginiana var. maritima (Michx.) Sarg. Scrub. Abbott s.n. (FAU).

Quercus virginiana Mill. var. virginiana. Hammocks. Steinberg s.n. (FAU).

Flacourtiaceae

Flacourtia indica (Burn. f.) Merrill. Disturbed sites. Exotic. Steinberg s.n. (FAU).

Gentianaceae

Nymphoides aquatica (J. F. Gmel.) Kuntze. Ponds. (NC).

Sabatia bartramii Wilbur =S. decandra (Walt.) Harper.
Marsh, Wet Prairie. (NC).

Sabatia calycina (Lam.) Heller. Wet Prairie. Link 36
(FAU).

Sabatia campanulata (L.) Torr. Wet Prairie. Sanders 20
(FAU).

Sabatia grandiflora (Gray) Small. Wet Prairie. Endemic.
Wiita s.n. (FAU).

Geraniaceae

Geranium carolinianum L. Disturbed sites. (NC).

Goodeniaceae

Scaevola plumieri Vahl. Strand. Knott s.n. (FLAS).

Haloragaceae

Myriophyllum brasiliense Camb. Marsh, Canals, Exotic.
Johnston s.n. (FAU).

Proserpinaca palustris L. var. palustris. =P. platycarpa
Small. Marsh, Canals. Sanders 40 (FAU).

Hydrophyllaceae

Hydrolea corymbosum Macbride ex Ell. =*Nama corymbosum*
(Macbride) Kuntze. Wet Prairie. Saponaro 114 (FAU).

Hypericaceae

Hypericum cistifolium Lam. =*H. opacum* T & G.; =*H.*
denticulatum Walt. Wet Prairie. Steed s.n. (FAU).

Hypericum fasciculatum Lam. =*H. hypericoides* L.? Wet
Prairie. Steinberg 23 (FAU).

Hypericum mutilum L. Wet Prairie, Marsh. Correll 40,189
(Fairchild Tropical Garden).

Hypericum tetrapetalum Lam. =*Ascyrum tetrapetalum* (Lm.)
Vail. Wet Prairie. Parkinson s.n. (FAU).

Lamiaceae

Conradina grandiflora Small. Scrub. Endemic. Steinberg
s.n. (FAU).

Hyptis alata (Raf.) Shinnars var. alata. Wet Prairie.
Bice s.n. (FAU).

Hyptis alata (Raf.) Shinnars var. stenophylla Shinnars.
Endemic. Wet Prairie. McCart 10,880 (FAU).

Hyptis mutabilis (A. Rich) Briq. var. spicata (Poir)
Briq. Wet disturbed sites. Exotic. Arico s.n. (FAU).

Salvia coccinea Buchoz. Disturbed sites. Steinberg 31
(FAU).

Satureja rigida Bartr. ex. Benth. =*Philoblephis rigida* (Bart.) Raf.; =*Pycnothymus rigidus* (Bart.) Small. Endemic. Steinberg s.n. (FAU).

Teucrium canadense L. =*T. nashii* Kearney. Wet Prairie, Hammocks. Bauer s.n. (FAU).

Trichostema dichotomum L. Strand, Hammocks. Beck 222 (Birch State Park, Fl.).

Lauraceae

Cassytha filiformis L. Dry Prairie, Scrub, Pine Flatwoods. Schneider s.n. (FAU).

Nectandra coriacea (Sw.) Griseb. =*Orotea catesbyana* (Michx.) Sarg. Hammocks. Will s.n. (FLAS).

Persea borbonia (L.) Spreng. Swamp, Low Hammock. Gaffney 33 (FAU).

Lentibulariaceae

Pinguicula pumila Michx. Wet Prairie, Pine Flatwoods. Will s.n. (FLAS).

Utricularia cornuta Michx. =*Stomoisia cornuta* (Michx.) Raf. Marsh, Swamps, Wet Prairie. Guzman 53 (FAU).

Utricularia fimbriata HBK. =*Aranella fimbriata* (HBK.) Barnhart. Wet Prairie. Morois s.n. (FAU),

Utricularia foliosa L. Canals, ditches. Brown & West s.n. (FAU).

Utricularia inflata Walt. Canals, ponds. (NC).

Utricularia resupinata Greene. =Lecticula resupinata
(Greene) Barnhart. Wet Prairie, Marsh. (NC).

Utricularia subulata L. =Setiscapella subulata (L.)
Barnhart. Wet Prairie, Marsh. Will s.n. (FLAS).

Utricularia purpurea Walt. Vesiculina purpurea (Walt.)
Raf. Canals, Ponds. Steinberg s.n. (FAU).

Linaceae

Linum floridanum (Planchon) Trel. Dry Prairie. Steinberg
s.n. (FAU).

Linum medium (Planchon) Britt. var. texanum (Planchon)
Fern. =L. curtissii Small; =Cathartolinum medium (Planchon)
Small var. texanum (Planchon) Moldenke. Wet Prairie, Disturbed
sites. Steinberg s.n. (FAU).

Loasaceae

Mentzelia floridana Nutt. Strand. Sullivan s.n. (FAU).

Loganiaceae

Cynoctonum mitreola (L.) Britt. =Mitreola peteolata
T & G. Marsh, Wet Prairie. Schneider s.n. (FAU).

Cynoctonum sessilifolium (Walt.) Gmel. var. microphyllum
Long; Marsh, Wet Prairie. Arico 25 (FAU).

Polyprenum procumbens L. Disturbed sites. Sydorick 51
(FAU).

Lythraceae

Ammannia cocinea Rottb. Wet Prairie, Marsh. (NC).

Ammannia latifolia L. =A. teres Raf.? Marsh, Wet
Prairie. Kinbacher & McCart 10,038 (FAU).

Cuphea carthagenesis (Jacq.) Macbride. Disturbed sites.
Exotic. Dolan 27 (FAU).

Lythrum alatum Pursh var. lanceolatum (Ell.) T & G.
Wet Prairie, Marsh, Swamp. Moore 19 (FAU).

Lythrum lineare L. Marsh, Wet Prairie. Hopkins 41 (FAU).

Magnoliaceae

Magnolia virginiana L. Bayheads, Swamp. (NC).

Malvaceae

Hibiscus furcellatus Pers. Sandy soils. (NC).

Hibiscus grandiflorus Michx. Marsh. Austin photo (FAU).

Hibiscus tiliaceus L. =Pariti tiliaceum (L.) St. Hil.
Strand, Cultivar. Exotic. Marois 62 (FAU).

Kosteletzkya virginica (L.) Presl. ex Gray; =K.
althaeifolia (Chapm.) Rusby. Marsh, Wet Prairie. Noga s.n.
(FAU).

Sida acuta Burm. =S. carpinifolia L. f. Disturbed sites.
Steinberg 9 (FAU).

Sida cordifolia L. Disturbed sites. Exotic. Link 27
(FAU).

Sida rhombifolia L. Disturbed sites. Dolan 21 (FAU).

Sida rubomarginata Nash. Disturbed sites. Endemic.

McCart 10,346 (FAU).

Thepesia populnea (L.) Soland. Strand. Wheeler s.n.
(FLAS).

Urena lobata L. Disturbed sites, Swamp margins. Pryor
s.n. (FAU).

Melastomataceae

Rhexia cubensis Griseb. =R. floridana Nash. Wet Prairie,
Marsh. Blankenhorn 3 (FAU).

Rhexia nuttallii C. M. James. =R. serrulata Nutt.
Wet Prairie. (NC).

Meliaceae

Melia azedarach L. Disturbed sites. Exotic. (NC).

Moraceae

Ficus aurea Nutt. Swamps, Hammocks. Coleman 35 (FAU).

Ficus citrifolia Mill. =F. populnea Willd.; =F.
brevifolia Nutt.; =F. laevigata Vahl. Swamp, Hammocks.
McQuay 27 (FAU).

Morus rubra L. Hammocks, Pine Flatwoods. Peyraud 26
(FAU).

Myricaceae

Myrica cerifera L. = Cerothermus ceriferus Small.;
= M. pusilla Raf.? Marsh, Swamp, Wet Prairie. Lawson 32
(FAU).

Myrsinaceae

Ardisia escallonioides Schlecht & Cham. = Icacorea
paniculata (Nutt.) Ludw. Hammocks. McCart 11,271 (FAU).

Myrsine guianensis (Aubl.) Kuntze. = Rapanea guianensis
Aubl. Swamp, Hammocks, Pine Flatwoods. Lawson 26 (FAU).

Myrtaceae

Eugenia axillaris (Sx.) Willd. = E. monticola DC.
Hammocks. Beck 1205 (Birch State Park, Fl.).

Eugenia myrtoides Poir. = E. buxifolia (Sw.) Willd.
Hammocks. Beck 1225 (Birch State Park, Fl.).

Eugenia uniflora L. Cultivar. Naturalized in some
hammocks such as in Snyder Park. Exotic. Steinberg s.n. (FAU).

Melaleuca quinquenervia (Cav.) Blake. M. leucodendron
misapplied. Disturbed sites. Exotic. Steed s.n. (FAU).

Myrcianthes fragrans (Sw.) McVaugh var. simpsonii
(Small) R. W. Long. = Anamomis simpsonii Small. Tropical
Hammock. (NC).

Psidium guajava L. Swamp, Hammocks, Wet disturbed
sites. Exotic. Sullivan s.n. (FAU).

Nyctaginaceae

Boerhavia diffusa L. =B. coccinea Mill. Strand,
disturbed sites. Horgan s.n. (FAU).

Okenia hypogaea Schlecht & Cham. Strand. Lohr s.n.
(FAU).

Pisonia aculeata L. Tropical Hammock. Steinberg s.n.
(FAU).

Nymphaeaceae

Brasenia schreberi Gmel. Ponds (NC).

Cabomba caroliniana Gray. Ponds, Canals. (NC).

Nuphar luteum (L.) Sibth. & Sm. spp macrophyllum (Small)
Beal. =Nymphaea macrophylla Small; =N. advena Ait. Marsh,
Canals. Ferris s.n. (FAU).

Nymphaea odorata Ait. =Castalia odorata (Ait.) Wood
& Wood. Marsh, Canals. (FAU).

Olacaceae

Schoepfia schreberi J. F. Gmel. =S. chrysophylloides
(A. Rich.) Planchon; =S. americana Willd. Tropical Hammock.
Steinberg s.n. (FAU).

Ximenia americana L. Scrub, Hammocks. Steinberg s.n.
(FAU).

Oleaceae

Forestiera segregata (Jacq.) Krug & Urban. Hammocks.
(NC).

Fraxinus caroliniana Mill. =F. pauciflora Nutt. Swamp.
(NC).

Onagraceae

Gaura angustifolia Michx. =G. simulans Small. Disturbed sites. Steinberg 27 (FAU).

Ludwigia alata Ell. =L. lanceolata Nutt. Wet Prairie, Marsh. Beck 2032 (Birch State Park, Fl.).

Ludwigia octovalis (Jacq.) Raven. =Jussiaea angustifolia Lam.; =Jussiaea scabra Willd.; =Jussiaea suffruticosa L.; =Jussiaea octovalvis Jacq. Wet Prairie, Marsh, Wet disturbed sites. Studley s.n. (FAU).

Ludwigia microcarpa Michx. Wet Prairie, Marsh. Will s.n. (FLAS).

Ludwigia palustris L. =L. repens Ell.; =L. natans Ell; =L. repens Forst.; =Isnardia natans Kuntze; =Isnardia repens (Sw.) DC. Marsh, Canals. Lawson 17 (FAU).

Ludwigia peruviana (L.) Hara. =Jussiaea peruviana L. Wet Prairie, Marsh, Wet disturbed sites. Coleman 27 (FAU).

Ludwigia virgata Michx. Marsh, Wet Prairie. Abbott s.n. (FAU).

Oenothera humifusa Nutt. =Raimannia humifusa (Nutt.) Rose. Strand. Sydorick 33 (FAU).

Oxalidaceae

Oxalis corniculata L. =*O. repens* Thumb.; =*Xanthoxalis corniculata* (L.) Small; =*Xanthoxalis langlosii* Small.

Disturbed sites. Tyson s.n. (FAU).

Oxalis dillenii Jacq. =*O. filipes* Small; =*O. florida* Salisb.; =*Xanthoxalis brittoniae* Small; =*Xanthoxalis colorea* Small. Disturbed sites. Sullivan s.n. (FAU).

Papaveraceae

Argemone mexicana L. f. leiocarpa G. B. Ownbey. Disturbed sites. Davison s.n. (FAU).

Argemone mexicana L. f. mexicana G. B. Ownbey. Disturbed sites. Scandariato s.n. (FAU).

Passifloraceae

Passiflora suberosa L. =*P. pallida* L. Hammocks. Exotic. McCart 11,307 (FAU).

Phytolaccaceae

Phytolacca americana L. =*P. rigida* Small? Disturbed sites. Zaffke 8 (FAU).

Rivina humilis L. Hammocks. Tyson 123 (FAU).

Plumbaginaceae

Plumbago scandens L. Hammocks, Disturbed sites.

Steinberg s.n. (FAU).

Polygalaceae

Polygala baldwinii Nutt. =*Pilotaxis baldwinii* (Nutt.)

Small; =*P. polycephala* Baldw.; =*P. baldwinii* T. & G.;

=*P. carteri* Small. Wet Prairie. Schneider s.n. (FAU).

Polygala cruciata L. =*P. ramosior* (Nash) Small. Wet

Prairie. Weber 28 (FAU).

Polygala cymosa Walt. =*Pilotaxis cymosa* (Walt.)

Small. Wet Prairie. Walker s.n. (FAU).

Polygala grandiflora Walt. =*Asemeia grandiflora* (Walt.)

Small. Pine Flatwoods, Dry Prairie, Strand. Steed s.n. (FAU).

Polygala incarnata L. =*Galypola incarnata* L. Nieuwl.

Wet Prairie, Marsh. Moore 5 (FAU).

Polygala lutea L. =*Pilotaxis lutea* (L.) Small.

Pine Flatwoods, Wet Prairie. King 48 (FAU).

Polygala ramosa Ell. Wet Prairie. (NC).

Polygala nana (Michx.) DC. Pine Flatwoods, Wet Prairie.

Steinberg s.n. (FAU).

Polygala rugellii Schuttlw. =*Pilotaxis rugellii*

(Schuttlw.) Small. Marsh, Wet Prairie. Endemic. Thompson 3 (FAU).

Polygala setacea Michx. Pine Flatwoods, Wet Prairie.

(NC).

Polygonaceae

Antigonon leptopus Hook & Arn. =Corculum leptopus
(Hook & Arn.) Stuntz. Disturbed sites. Exotic. Davison
s.n. (FAU).

Coccoloba uvifera L. Strand. Dolan 13 (FAU).

Coccoloba diversifolia Jacq. =C. floridana Meissner.;
=C. laurifolia Jacq. Tropical Hammock. Steinberg s.n. (FAU).

Polygonella fimbriata (Ell.) Horton var. robusta
Small. =Thysarella robusta Small. Scrub. Steinberg s.n.
(FAU).

Polygonella gracilis (Nutt.) Meissner. =Delopyrum
gracile (Nutt) Small. Scrub. Abbott s.n. (FAU).

Polygonella polygama (Vent.) Engelm & Gray. =P.
brachystachya Meissner. Scrub. Abbott s.n. (FAU).

Polygonum densiflorum Meissn. =Persicaria portoricensis
(Bertero) Small. Wet Prairie, Swamp, Wet disturbed sites.
Dolan 25 (FAU).

Polygonum hirsutum Walt. =Persicaria hirsutum Walt.
Swamp, Wet Prairie, Wet disturbed sites. Beck 1296 (Birch
State Park, Fl.).

Polygonum persicaria L. =Persicaria persicaria (L.)
Small. Wet Prairie, Wet disturbed sites. Abel s.n. (FAU).

Polygonum punctatum Ell. =Persicaria punctatum (Ell.)
Small. Swamp, Wet Prairie, Wet disturbed sites. Exotic.
Elbon s.n. (FAU).

Polygonum setaceum Baldw ex. Ell. =Persicaria setacea

(Baldw.) Small; =*Polygonum hydropiperoides* var. *setaceum*
 (Baldw.) Gl. Marsh, Swamp, Wet Prairie. Garlick 20 (FAU).

Rumex verticillatus L. =*R. floridanus* Meissner.

Marsh, Swamp. Garlick 26 (FAU).

Tovara virginiana (L.) Raf. Hammocks. Steinberg s.n.
 (FAU).

Portulacaceae

Portulaca oleracea L. Disturbed sites. McCart 10,866
 (FAU).

Portulaca pilosa L. Disturbed sites. Dolan 28 (FAU).

Primulaceae

Samolus ebracteatus HBK. =*S. ebracteata* (HBK.)

Baudoin. Marsh, Wet Prairie. Thompson 8 (FAU).

Ranunculaceae

Clematis baldwinii T & G. Pine Flatwoods, Wet Prairie.

Endemic. Schneider s.n. (FAU).

Rhamnaceae

Krugiodendron ferreum (Vahl.) Urban =*Rhamnidium ferreum*

(Vahl) Sarg. Tropical Hammock. Beck 1800 (FAU).

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Rhizophoraceae

Rhizophora mangle L. Mangrove. Steinberg s.n. (FAU).

Rosaceae

Rubus trivialis Michx. Disturbed sites. Steinberg s.n.
(FAU).

Rubiaceae

Borreria laevis (Lam.) Griseb. Pine Flatwoods, Dry
Prairie. (NC).

Borreria terminalis Small. Pine Flatwoods, Dry Prairie,
Strand. Endemic. (NC).

Cephalanthus occidentalis L. Swamp, Marsh, Wet Prairie.
Steinberg 22 (FAU).

Casasia clusiifolia (Jacq.) Urban. Genipa clasiaefolia
(Jacq.) Griseb. Strand, Coastal Hammocks. Davis s.n. (FLAS).

Chiococca alba (L.) Hitchc. Hammocks. Roestad s.n. (FAU).

Chiococca pinetorum Britt. Pine Flatwoods. Sydorick 23
(FAU).

Diodia teres Walt. = Diodella teres (Walt) Small. Wet
disturbed sites. Dolan 23 (FAU).

Diodia virginiana L. Wet disturbed sites. McCart 10,872
(FLAS).

Erithalis fruticosa L. Strand, Coastal Hammocks. Beck
287 (Birch State Park, Fl.).

Ernodia littoralis Sw. Strand. Janda 10 (FAU).

Galium obtusum Bigel. var. floridanum (Wieg.) Fern.
=G. tinctorium L. misapplied. Marsh, Wet Prairie, Wet
disturbed sites. Sydorick 54 (FAU).

Guettarda elliptica Vent. Tropical Hammock. Steinberg
s.n. (FAU).

Guettarda scabra Sw. Tropical Hammock. Steinberg s.n.
(FAU).

Hamelia patens Jacq. =H. erecta Jacq. Disturbed sites,
Hammocks. Marriage 9, (FAU).

Hedyotis corymbosa (L.) Lam. =Oldenlandia corymbosa
L. Disturbed sites. (FAU).

Morinda royoc L. Tropical Hammock. (NC).

Pentodon pentandrus Schum. & Thon. =P. halei (T & G.)
Gray. Swamp. Arico s.n. (FAU).

Psychotria nervosa Sw. =P. undata Jacq. Hammocks, Swamp.
Hopkins 23 (FAU).

Psychotria sulzneri Small. Hammocks, Swamp. Beck 104
(Birch State Park, Fl.).

Randia aculeata L. Hammocks, Strand. Smith, Myint &
Will 832 (FLAS).

Richardia brasiliensis (Moq.) Gomez. Disturbed sites.
Exotic. Pine Flatwoods. Kaighin & McCart 9690 (FAU).

Richardia scabra L. Disturbed sites. Correll 40,226
(Fairchild Tropical Garden).

Spermacoce tenuior L. var. floridana (Urban) Long.
=S. keyensis Small. Marsh, Wet Prairie. Endemic. Kinbacher,
Ross & McCart 10,080 (FAU).

Rutaceae

Amyris elemifera L. =A. maritima Jacq. Hammocks. Beck
116 (FLAS).

Zanthoxylum coriaceum A. Rich. Tropical Hammock. Beck
s.n. (Birch State Park, Fl.).

Zanthoxylum clava-herculis L. Tropical Hammock. Beck
25 (Birch State Park, Fl.).

Zanthoxylum fagara (L.) Sarg. Hammocks. Brown & West
s.n. (FLAS).

Salicaceae

Salix caroliniana Michx. =S. longipes Anders.; =S.
amphibia Small. Marsh, Swamp, Wet disturbed sites. Schussler
s.n. (FAU).

Sapindaceae

Cardiospermum corindum L. Hammocks. (NC).

Dodonea viscosa (L.) Jacq. =D. jamaicensis DC; =D.
microcarya Small. Hammocks. (NC).

Exothea paniculata (Juss.) Radlk. Tropical Hammock.
Steinberg s.n. (FAU).

Sapotaceae

Bumelia celastrina HBK. var. angustifolia (Nutt)

R. W. Long. =B. angustifolia Nutt. Hammocks. Endemic. (NC).

Chrysophyllum oliviforme L. Tropical Hammock. (NC).

Dipholis salicifolia (L) A. DC. Hammocks, Pine Flatwoods.
Wmitch, Myint & Will 827 (FLAS).

Mastichodendron foetidissimum (Jacq.) Cronquist.

=Sideroxylon foetidissimum Jacq. Tropical Hammock. Beck 73
(Birch State Park, Fl.).

Saururaceae

Saururus cernuus L. Swamp. Coleman 31 (FAU).

Saxifragaceae

Itea virginica L. Swamp. Butler 39 (FAU).

Scrophulariaceae

Agalinis purpurea (L.) Pennell. Marsh, Wet Prairie.

Davison s.n. (FAU).

Agalinus setacea Rafin. Wet Prairie. (NC).

Bacopa caroliniana (Walt.) Robins. =Hydrotrida
caroliniana (Walt.) Small. Marsh. Davis s.n. (FAU).

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

Pennell. Marsh, Wet Prairie. Noga s.n. (FAU).

Buchnera elongata Sw. Pine Flatwoods, Wet Prairie. (NC).

Buchnera floridana Gandoger. Disturbed sites. Trionfo
s.n. (FAU).

Capraria biflora L. Disturbed sites, Strand. Steinberg
s.n. (FAU).

Linaria canadensis (L.) Dum. Disturbed sites. McCart
9,539 (FAU).

Linaria floridana Chapm. Disturbed sites. Snyder &
McCart 9,564 (FAU).

Mecardonia acuminata (Walt.) Small. =Bacopa acuminata
(Walt.) Robinson. Wet Prairie. Weber 37 (FAU).

Scoparia dulcis L. Disturbed sites. Kinbacher, Ross &
McCart 10,078 (FAU).

Simaroubaceae

Simarouba glauca DC. Tropical Hammock. Smith, Myint &
Will 861 (FLAS).

Solanaceae

Capsicum annum L. var. aviculare (Dierbach) D'Arcy &
Eshbaugh. Hammock. Beck 19 (Birch State Park, Fl.).

Cestrum diurnum L. Disturbed sites. Exotic. Crane 28
(FAU).

Physalis angulata L. var. angulata. Strand. McCart
10,870 (FAU).

Physalis viscosa L. var. elliottii Kunze. =P. elliottii
Kunze. Disturbed sites. Endemic. Bauer s.n. (FAU).

Physalis pubescens L. Dry Sandy soil. (NC).

Solanum americanum Mill. Disturbed sites. Steinberg
34 (FAU).

Solanum bahamense L. Strand, Hammocks. Beck 118 (Birch
State Park, Fl.).

Solanum erianthum D. Don. =S. verbascifolium sensu
Small. Hammocks, disturbed sites. Beck 96 (Birch State
Park, Fl.).

Solanum torvum Sw. Swamp, Disturbed sites. McCart
10,739 (FAU).

Surianaceae

Suriana maritima L. Strand. (NC).

Tiliaceae

Triumfetta semitriloba Jacq. Hammock margins. Loucks
& West s.n. (FLAS).

Turneraceae

Piriqueta carolinana (Walt.) Urban var. glabra (DC.)
Urban. =P. glabrescens Small; =P. virdis Small. Pine
Flatwoods, Wet Prairie. McCart 10,879 (FAU).

Piriqueta carolinana (Walt.) Urban var. tomentosa Urban.
=P. tomentosa sensu Small not HBK. Beck 562 (Birch State
Park, Fl.).

Celtis laevigata Willd. =C. mississippiensis Bosc.
Swamp, Low Hammock. Steinberg s.n. (FAU).

Trema micrantha L. =T. floridana Britt. Hammock
margins, Disturbed sites. McCart 11,269 (FAU).

Urticaceae

Boehmeria cylindrica (L.) Sw. Wet Prairie, Wet disturbed
sites. Kinbacher & McCart 10,035 (FAU).

Parietaria floridana Nutt. =P. nummularia Small.
Disturbed sites. Coleman 71 (FAU).

Pilea microphylla (L.) Leib. Wet disturbed sites.
Fain 8 (FAU).

Verbenaceae

Callicarpa americana L. Pine Flatwoods, Hammocks,
Disturbed sites. Coleman 42 (FAU).

Lantana camara L. =Lantana aculeata L. Disturbed
sites. Coleman 40 (FAU).

Lantana involucrata L. =L. odorata L. Strand, Pine
Flatwoods, Hammocks. Beck 53 (Birch State Park, Fl.).

Lantana ovatifolia Britt. var. ovatifolia. Disturbed
sites, Hammocks. Beck 1,367 (Birch State Park, Fl.).

Lippia nodiflora Michx. =Phyla nodiflora (L.) Green.
Disturbed sites. Steinberg 11 (FAU).

Verbena maritima Small. =Glandularia maritima Small.

Strand. Endemic. Beck 45 (Birch State Park, Fl.).

Verbena scabra Vahl. Wet Prairie. (FAU).

Vitaceae

Ampelopsis arborea (L.) Rusby. Disturbed sites. Janda
33 (FAU).

Cissus sicyoides L. Hammocks. (NC).

Parthenocissus quinquefolia (L.) Planchon. Hammocks,
Disturbed sites. Davison s.n. (FAU).

Vitis aestivalis Michx. =V. rufotomentosa Small;
=V. simpsonii sensu Small. Hammocks. McCart & Butler 69
(FLAS).

Vitis rotundifolia Michx. =Muscadina rotundifolia
(Michx.) Small; =Muscadina munsoniana (Simpson) Small.
Disturbed sites, Hammocks. Kinbacher & McCart 10,018 (FAU).

Vitis shuttleworthii House. =V. coriacea Shuttlew.
Hammocks. (FAU).

Zygophyllaceae

Tribulus cistoides L. Disturbed sites. Robertson 37
(FAU).

ADDENDUM

Asteraceae

Erigeron vernus (L.) T & G. Wet Prairie. Austin photo (FAU).

Melanthera angustifolia A. Rich. Strand, Wet Prairie. Steinberg s.n. (FAU).

Cyperaceae

Cyperus surinamensis Rottb. Wet Prairie, Wet disturbed sites. Austin s.n. (FAU).

Poaceae

Ctenium aromaticum (Walt.) Wood. =C. carolinianum Panzer. Wet Prairie. Austin s.n. (FAU).

Potamogetonaceae

Potamogeton foliosus Raf. Marsh, Canals. Willett s.n. (FAU).

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R. 41E., T. 48S., R. 42E., T. 48S., R. 43E., T. 49S.,

R. 42E., T. 49S., R. 43E., T. 50S., R. 42E., T. 49S.,

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Q 001 .S724 1976

Steinberg, Bryan.

Vegetation analysis of the
Atlantic coastal ridge ...

VEGETATION MAP OF COASTAL BROWARD COUNTY Based on 1940 Imagery, Map 1

Interpreted and drawn by
BRYAN STEINBERG
Florida Atlantic University
1976

T.47
T.48

EVERGLADES

EVERGLADES

T.48
T.49

PALM BEACH COUNTY

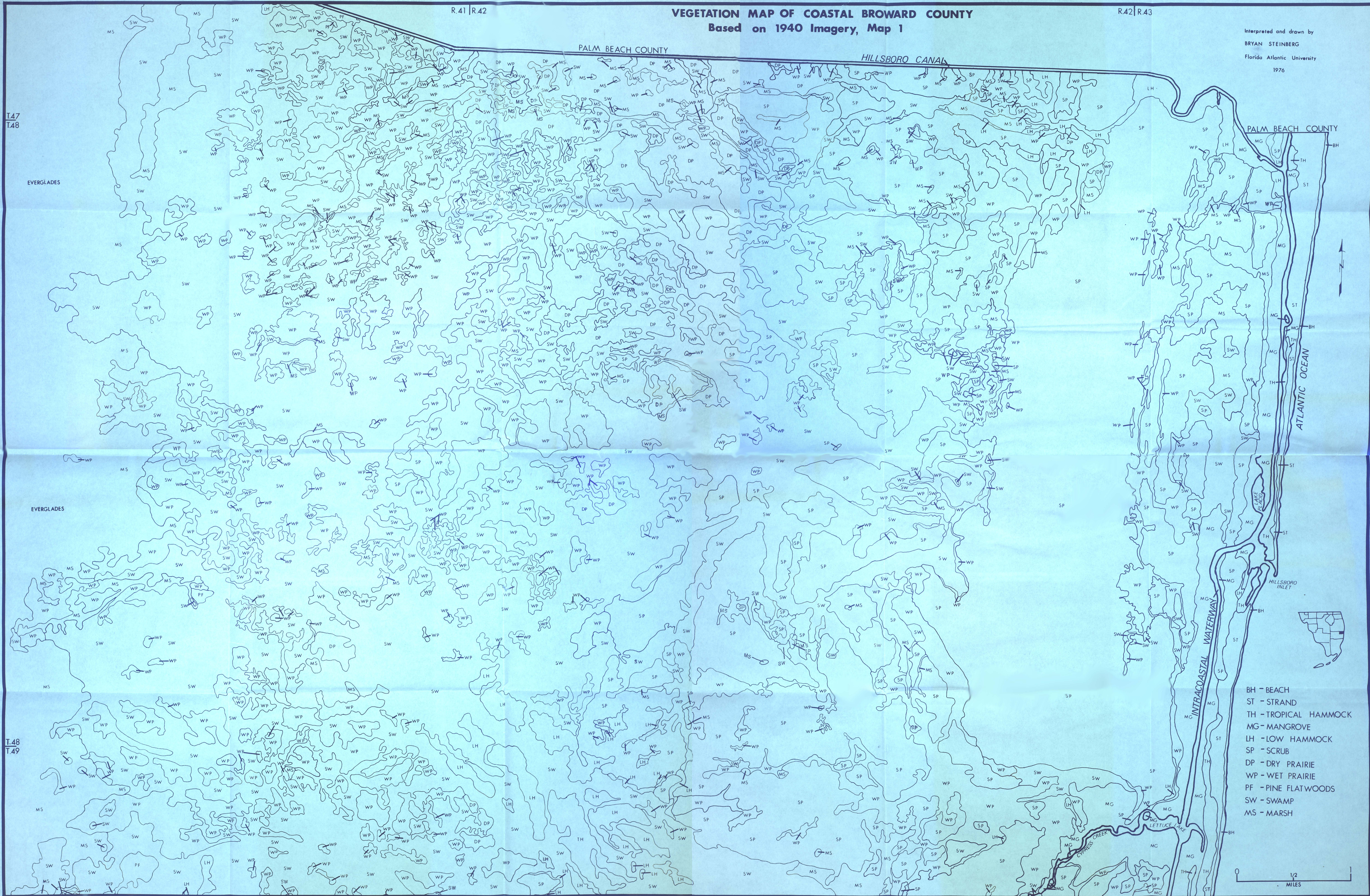
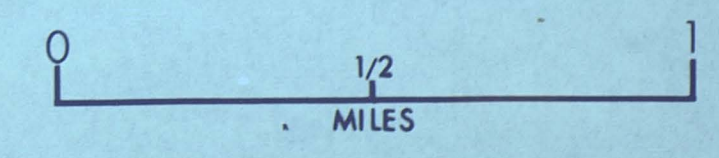
HILLSBORO CANAL

PALM BEACH COUNTY

ATLANTIC OCEAN

INTRACOASTAL WATERWAY

- BH - BEACH
- ST - STRAND
- TH - TROPICAL HAMMOCK
- MG - MANGROVE
- LH - LOW HAMMOCK
- SP - SCRUB
- DP - DRY PRAIRIE
- WP - WET PRAIRIE
- PF - PINE FLATWOODS
- SW - SWAMP
- MS - MARSH



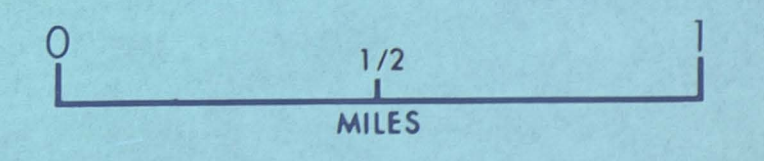


- BH - BEACH
- ST - STRAND
- TH - TROPICAL HAMMOCK
- MG - MANGROVE
- LH - LOW HAMMOCK
- SP - SCRUB
- DP - DRY PRAIRIE
- WP - WET PRAIRIE
- PF - PINE FLATWOODS
- SW - SWAMP
- MS - MARSH

Interpreted and drawn by
 BRYAN STEINBERG
 Florida Atlantic University
 1976

**VEGETATION MAP OF
 COASTAL BROWARD
 COUNTY**
 Based on 1940 imagery,
 Map 2

T.49
 T.50



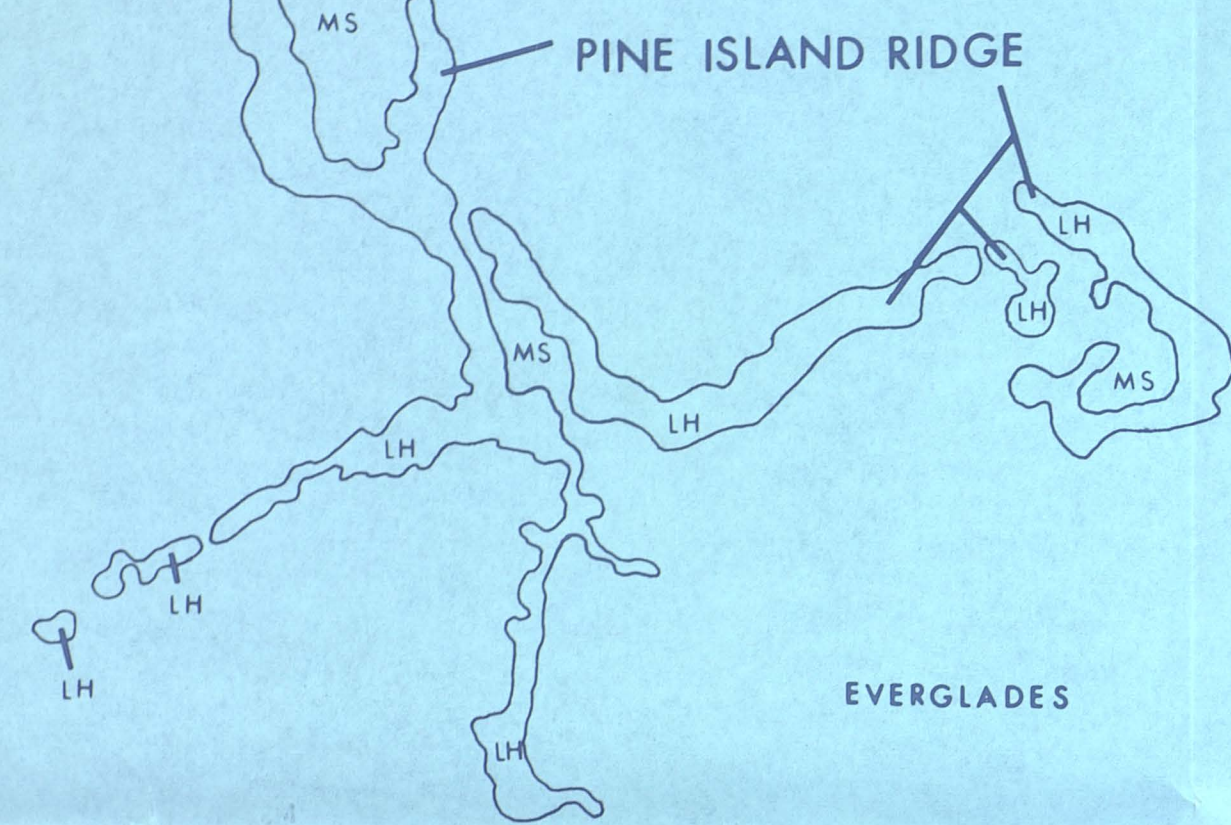
NORTH NEW RIVER CANAL

EVERGLADES

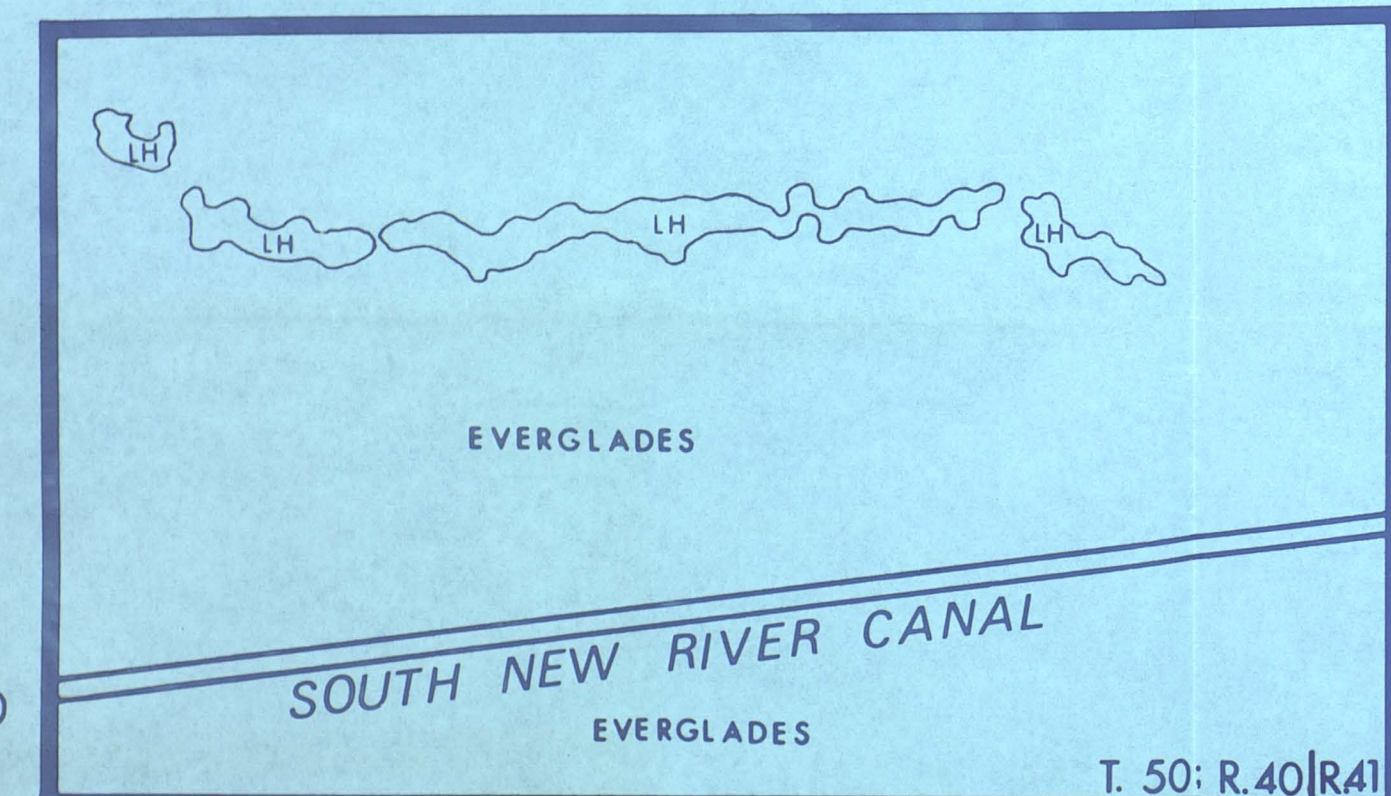
R.41|R.42

R.42|R.43

NORTH NEW RIVER CANAL



SOUTH NEW RIVER CANAL



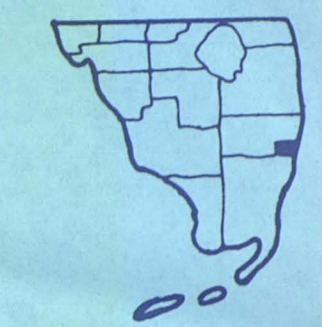
- BH - BEACH
- ST - STRAND
- TH - TROPICAL HAMMOCK
- MG - MANGROVE
- LH - LOW HAMMOCK
- SP - SCRUB
- DP - DRY PRAIRIE
- WP - WET PRAIRIE
- PF - PINE FLATWOODS
- SW - SWAMP
- MS - MARSH

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 Florida Atlantic University
 1976

**VEGETATION MAP OF
 COASTAL BROWARD
 COUNTY**
 Based on 1940 imagery,
 Map 3

INTRACOASTAL WATERWAY

ATLANTIC OCEAN



0 1/2 1
 MILES

DADE COUNTY

R41|R42

T.50
T.51

T. 50: R.40|R41

EVERGLADES

EVERGLADES

EVERGLADES

SOUTH NEW RIVER CANAL
EVERGLADES

PINE ISLAND RIDGE - WESTERN PORTION

