

Major Land Resource Area 156B

Southern Florida Lowlands

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Ecological site keys

MLRA 156B Southern Florida Lowlands

I. Terrestrial Landscape

A. Very Poorly to Poorly Drained Soils

1 Geomorphic Position: Floodplains, Flood-Plain Step, Stream Terraces, Drainageway

i. Dominant Hydroperiod: Occasional to Frequent Flooding 6 to 10 months per year

a. Subsurface Soil Features: Highly Decomposed Hydrophytic Plant Materials Throughout ... R156BY010FL – Histisol Floodplain Marshes and Swamps

b. Subsurface Soil Features: Mineral Hardpan Which Slows Vertical Permeability (Argillic, Spodic, Mollic, or Umbric Horizon) ... R156BY011FL – Mineral Floodplain Marshes and Swamps

2 Geomorphic Position: Depressions, Dips, Low Broad Flats

i. Dominant Hydroperiod: Occasional to Frequent Ponding 6 to 10 months per year with depths 0 to 30 inches

a. Subsurface Soil Features: Highly Decomposed Hydrophytic Plant Materials Throughout ... R156BY020FL – Histisol Isolated Marshes and Swamps

b. Subsurface Soil Features: Mineral Hardpan which slows vertical permeability (Spodic, Argillic, Mollic, or Umbric Horizon) ... R156BY021FL – Mineral Isolated Marshes and Swamps

3 Geomorphic Position: Flat, Hammock

i. Dominant Hydroperiod: None to Frequent Flooding 2 months or less per year ... F156BY030FL – Wet Hardwood Forests

4 Geomorphic Position: Flatwoods, Flats

i. Dominant Hydroperiod: Occasional to Frequent Ponding 2 to 4 months per year with depths 0 to 30 inches

a. Subsurface Soil Features: Spodic Horizon within 30 inches, an argillic horizon below 40 inches, or both ... F156BY040FL – Sandy Pine Flatwoods and Hammocks

b. Subsurface Soil Features: Argillic Horizon within 20 to 40 inches ... F156BY041FL – Sandy Over Loamy Pine Flatwoods and Hammocks

B. Somewhat Poorly Drained Soil

1 Geomorphic Position: Knolls, Rises

i. Dominant Hydroperiod: None to Rare Flooding less than 1 month per year ... F156BY045FL – Sandy Scrubby Flatwoods on Rises and Knolls

C. Moderately Well to Well Drained Soils

1 Geomorphic Position: Knoll, Hammock

i. Dominant Hydroperiod: None under Natural Conditions ... F156BY050FL – Hardwood Forested Uplands

D. Somewhat Excessively to Excessively Drained Soils

1 Geomorphic Position: Summits, Ridges, Dunes

i. Dominant Hydroperiod: None under Natural Conditions ... F156BY060FL – High Sandy Pine and Scrub on Knolls and Ridges

II. Subaqueous Landscape

A. Subaqueous Soil Drainage

1 Geomorphic Position: Riverine, River Channel, Streambed, Intermittent Stream, Canal

i. Dominant Hydroperiod: Very slow-moving to rapid water flow, fluctuating water levels dependent on local factors, free waters above the soil surface are permanent except in extreme drought, water in channelized bed is always moving ... R156BY100FL – Subaqueous Freshwater Riverine Habitats

2 Geomorphic Position: Lacustrine, Karst Lake, Lake Bed, Lake Shore, Seepage Lake

i. Dominant Hydroperiod: Stagnant water, fluctuating water levels dependent on local factors, free water above the soil surface is permanent except in extreme drought ... R156BY150FL – Subaqueous Freshwater Lacustrine Habitats