

Table 1. All Florida species described by their HOF model type or endemic status

Type	Direction	Number of species	%	The most abundant 5 species in each category
Endemic		21	19	beefree/longleaf blolly (<i>Guapira discolor</i>); black-mangrove(<i>Avicennia germins</i>); white-mangrove (<i>Laguncularia racemosa</i>); American mangrove (<i>Rhizophora mangle</i>); West Indian mahogany (<i>Swietenia mahagoni</i>)
I - Flat		9	8	cedar elm (<i>Ulmus crassifolia</i>); blackjack oak (<i>Quercus marilandica</i>); pecan (<i>Carya illinoensis</i>); camphortree (<i>Cinmomum camphora</i>); waterlocust (<i>Gleditsia aquatica</i>)
II - Monotonic	South	13	12	loblolly-bay (<i>Gordonia lasianthus</i>); green ash (<i>Fraxinus pennsylvanica</i>); redbay (<i>Persea borbonia</i>); eastern hophornbeam (<i>Ostrya virginia</i>); white mulberry (<i>Morus alba</i>)
	North	8	7	cabbage palmetto (<i>Sabal palmetto</i>); pondcypress (<i>Taxodium ascendens</i>); water tupelo (<i>Nyssa aquatica</i>); coastal plain willow (<i>Salix carolinia</i>); live oak (<i>Quercus virginia</i>)
III - Plateau	South	2	2	American sycamore (<i>Platanus occidentalis</i>); turkey oak (<i>Quercus laevis</i>)
	North	2	2	black oak (<i>Quercus veluti</i>); water-elm/planertree (<i>Planera aquatica</i>)
IV - Gaussian		15	13	Atlantic white-cedar (<i>Chamaecyparis thyoides</i>); sourwood (<i>Oxydendrum arboreum</i>); blackgum (<i>Nyssa sylvatica</i>); pignut hickory (<i>Carya glabra</i>); sugarberry (<i>Celtis laevigata</i>)
V - Skewed	South	18	16	loblolly pine (<i>Pinus taeda</i>); slash pine (<i>Pinus elliottii</i>); sand pine (<i>Pinus clausa</i>); sweetgum (<i>Liquidambar styraciflua</i>); swamp tupelo (<i>Nyssa biflora</i>)
	North	25	22	red maple (<i>Acer rubrum</i>); yellow-poplar (<i>Liriodendron tulipifera</i>); longleaf pine (<i>Pinus palustris</i>); American beech (<i>Fagus grandifolia</i>); shortleaf pine (<i>Pinus echita</i>)

In total, there are 113 species inventoried in Florida. Direction indicates whether HOF model maxima is south or north of latitudinal centre of range for species.