

Investigation of the Peninsula Effect Using the Latitudinal Abundance Pattern for Tree Species in Florida

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Table S1. HOF model results for 92 (non-endemic) species.

SPCD	Common Name	HOF Model Output	Peak Latitude	Min Latitude	Max Latitude	Min (Mean Stem Count)	Max (Mean Stem Count)
422	Allegheny chinkapin	I	NA	30	38.0	1.28	1.28
858	Camphortree	I	NA	27	32.0	3.53	3.53
501	Cockspur hawthorn	I	NA	29.5	48.5	2.52	2.52
404	Pecan	I	NA	29.5	40.5	2.75	2.75
410	Sand hickory	I	NA	29	39.0	2.88	2.88
825	Swamp chestnut oak	I	NA	29	42.5	2.32	2.32
551	Waterlocust	I	NA	28	40.0	2.09	2.09
925	Coastal plain willow	II	25.0	25	37.5	9.98	6.77
221	Baldcypress	II	25.5	25.5	40.0	21.38	1.89
912	Cabbage palmetto	II	25.5	25.5	33.0	40.43	3.77
548	Carolina ash	II	25.5	25.5	37.5	14.17	2.31
838	Live oak	II	25.5	25.5	36.0	12.67	2.93
222	Pondcypress	II	25.5	25.5	36.0	103.81	0.74
391	American hornbeam, musclewood	II	27.5	27.5	48.0	6.53	4.58
67	Southern redcedar	II	27.5	27.5	33.5	6.70	3.92
545	Pumpkin ash	II	28.0	28	38.5	12.69	3.21
652	Southern magnolia	II	28.0	28	37.5	3.91	1.39
953	Carolina basswood	II	28.5	28.5	35.5	5.54	0.68
691	Water tupelo	II	29.0	29	38.0	27.99	11.57
662	Southern crab apple	II	29.5	29.5	38.0	3.07	1.25
555	Loblolly-bay	II	36.0	26.5	36.0	14.19	19.62
973	Cedar elm	II	36.5	29	36.5	1.44	3.72
722	Water-elm, planertree	II	37.0	29	37.0	4.16	14.11
721	Redbay	II	37.5	25	37.5	3.33	10.56
521	Common persimmon	II	40.0	25.5	40.0	1.15	3.18
824	Blackjack oak	II	41.0	29	41.0	4.24	5.59
471	Eastern redbud	II	42.0	29	42.0	1.58	5.18
552	Honeylocust	II	45.0	29.5	45.0	2.39	4.55
682	Red mulberry	II	45.0	26	45.0	1.11	3.60
681	White mulberry	II	45.5	30.5	45.5	0.96	2.87
701	Eastern hophornbeam	II	48.5	28	48.5	2.21	9.56
313	Boxelder	II	49.0	28.5	49.0	5.82	7.53
544	Green ash	II	49.0	25.5	49.0	8.52	9.46
819	Turkey oak	III	31.5	27	37.5	10.00	0.65
731	American sycamore	III	35.3	29.5	43.5	3.61	1.31
837	Black oak	III	41.2	30	46.0	0.11	11.91
401	Water hickory	IV	32.0	27	38.0	1.73	1.06
993	Chinaberry	IV	32.7	28	36.0	1.18	2.08
744	Swamp cottonwood	IV	33.9	29.5	39.0	0.95	0.69
971	Winged elm	IV	34.6	28.5	39.0	1.24	3.56
409	Mockernut hickory	IV	35.9	29	43.5	0.97	0.57
711	Sourwood	IV	36.2	30	42.0	1.53	1.93

403	Pignut hickory	IV	36.9	27	44.5	1.65	3.16
367	Pawpaw	IV	37.4	29	42.0	1.09	2.33
651	Cucumbertree	IV	38.5	30	43.5	0.33	1.57
834	Shumard oak	IV	39.1	28.5	42.5	0.73	3.17
931	Sassafras	IV	39.5	30	44.5	0.61	4.16
43	Atlantic white-cedar	IV	40.1	29.5	44.5	0.00	0.00
766	American plum	IV	40.6	30	47.5	0.82	1.81
841	Dwarf live oak	V	28.4	25.5	31.5	0.49	2.57
107	Sand pine	V	29.5	27	33.0	0.09	4.93
922	Black willow	V	29.8	28	49.0	0.18	2.64
111	Slash pine	V	29.8	25	36.0	0.00	0.54
653	Sweetbay	V	29.8	25.5	40.5	4.96	2.69
820	Laurel oak	V	30.0	25.5	40.0	2.47	0.21
994	Chinese tallowtree	V	30.1	27	34.5	0.49	0.49
461	Sugarberry	V	30.4	26.5	41.0	0.00	0.64
694	Swamp tupelo	V	31.1	25.5	38.5	1.12	6.69
828	Texas red oak	V	31.1	29.5	38.0	1.71	2.29
693	Blackgum	V	31.4	27	44.0	0.01	5.96
121	Longleaf pine	V	31.4	26.5	36.5	3.81	16.20
827	Water oak	V	31.5	26.5	39.0	1.69	1.70
813	Cherrybark oak	V	31.4	28.5	39.5	0.30	2.43
822	Overcup oak	V	32.0	29.5	39.0	1.40	1.52
131	Loblolly pine	V	32.2	28	42.5	0.32	7.96
611	Sweetgum	V	32.8	27	41.5	0.40	5.84
831	Willow oak	V	31.3	27	40.0	0.23	2.80
840	Dwarf post oak	V	33.4	28.5	35.5	4.50	3.08
491	Flowering dogwood	V	33.4	28.5	45.0	1.24	2.62
812	Southern red oak	V	33.4	29	40.0	1.28	4.55
842	Bluejack oak	V	33.6	28	35.5	2.34	0.58
311	Florida maple	V	35.8	29	37.5	2.56	1.96
128	Pond pine	V	36.1	28	40.0	3.18	0.00
110	Shortleaf pine	V	36.2	30	40.5	3.04	1.26
68	Eastern redcedar	V	36.4	28	46.0	0.02	3.08
802	White oak	V	36.4	30	47.5	1.96	4.70
826	Chinkapin oak	V	36.8	30.5	43.5	0.47	2.42
621*	Yellow-poplar	V	37.3	30	43.5	4.42	0.44
345	Mimosa silktree	V	37.4	28.5	42.5	1.61	0.54
835	Post oak	V	37.5	28.5	41.5	1.23	1.61
591	American holly	V	38.7	28.5	42.5	1.26	0.00
462*	Hackberry	V	42.0	26	48.5	1.11	0.50
602*	Black walnut	V	43.1	30.5	47.0	1.58	0.31
762*	Black cherry	V	43.2	27.5	48.5	2.21	2.08
975*	Slippery elm	V	43.3	29	48.5	2.36	0.32
373	River birch	V	43.5	29.5	45.5	3.04	0.84
541*	White ash	V	44.3	28.5	47.5	1.33	4.69
531*	American beech	V	44.9	29	47.5	0.40	26.09
402*	Bitternut hickory	V	45.2	29.5	46.5	1.39	2.58
316*	Red maple	V	45.9	25.5	49.0	6.43	18.24
972*	American elm	V	46.8	27	49.0	2.43	3.04
951*	American basswood	V	47.2	28	49.0	0.05	7.08

* species range extend into Canada border