

		DISTRIB Results																		Modifying Factors						
		Modeled IV									Future : Current Suitable Habitat									Change Class						
		2010 - 2039			2040 - 2069			2070 - 2099			2010 - 2039			2040 - 2069			2070 - 2099									
FIA	Common Name	Actual	Current	PCM B1	GFDL A1FI	PCM B1	GFDL A1FI	PCM B1	GFDL A1FI	PCM B1	GFDL A1FI	PCM B1	GFDL A1FI	PCM B1	GFDL A1FI	PCM B1	GFDL A1FI	PCM B1	GFDL A1FI	Positive Traits	Negative Traits	DistFact	BioFact	Adapt		
951	American basswood	177	204	179	269	2042	264	185	218	0.88	1.32	1.00	1.29	0.91	1.07	No Change	No Change	COL	FTK		0.31	0.16		4.6		
531	American beech	36	38	46	33	93	26	73	26	1.21	0.87	2.45	0.68	1.92	0.68	Sm. Inc.	Sm. Dec.	COL	INS FTK		-1.14	0.03		3.6		
972	American elm	483	651	796	784	1353	916	1253	754	1.22	1.20	2.08	1.41	1.93	1.16	Sm. Inc.	No Change	EHS	DISE INS		-0.8	0.3		4.0		
391	American hornbeam	24	21	22	19	54	54	44	42	1.05	0.91	2.57	2.57	2.10	2.00	Lg. Inc.	Sm. Inc.	COL SES	FTK DRO		0.56	0.62		5.1		
741	Balsam poplar	2	0	0	0	0	18	0	11	NA	NA	NA	New	NA	New	NA	New-High	FRG VRE	COL DRO		0.13	-0.59		4.0		
743	Bigtooth aspen	26	39	16	4	32	0	17	0	0.41	0.10	0.82	0.00	0.44	0.00	Lg. Dec.	Lg. Dec.	FRG DISP	COL DRO FTK		1.01	0.16		5.1		
402	Bitternut hickory	71	89	151	172	321	165	302	171	1.70	1.93	3.61	1.85	3.39	1.92	Lg. Inc.	Sm. Inc.	DRO	COL		2.17	-0.83		5.6		
543	Black ash	71	111	51	56	26	83	25	65	0.46	0.51	0.23	0.75	0.23	0.59	Lg. Dec.	Sm. Dec.		INS COL DISP DRO SES FTK ESP		-1.31	-3		1.7		
762	Black cherry	942	749	739	372	696	116	607	110	0.99	0.50	0.93	0.16	0.81	0.15	No Change	Lg. Dec.	DRO EHS	INS FTK COL		-1.56	-0.32		3.0		
408	Black hickory	0	0	0	5	6	12	10	38	NA	New	New	New	New	New	New_Low	New-High		EHS COL		1.04	-2.27		4.1		
901	Black locust	145	82	114	153	160	478	140	375	1.39	1.87	1.95	5.83	1.71	4.57	Sm. Inc.	Lg. Inc.		COL INS		0	-0.59		3.8		
837	Black oak	388	310	333	316	405	273	387	276	1.07	1.02	1.31	0.88	1.25	0.89	Sm. Inc.	No Change	DRO EHS	INS DISE		0.51	0.42		4.9		
602	Black walnut	66	190	251	358	585	352	505	288	1.32	1.88	3.08	1.85	2.66	1.52	Lg. Inc.	Sm. Inc.	SES	COL DRO		0.35	-0.83		4.0		
922	Black willow	99	130	131	165	204	225	186	252	1.01	1.27	1.57	1.73	1.43	1.94	Sm. Inc.	Sm. Inc.		COL FTK DRO		-0.31	-2.13		2.8		
693	Blackgum	36	23	29	19	46	18	38	30	1.26	0.83	2.00	0.78	1.65	1.30	Sm. Inc.	Sm. Inc.	COL FTK			1.46	0.83		5.9		
824	Blackjack oak	0	0	0	26	2	63	4	122	NA	New	NA	New	New	New	NA	New-High	DRO SES FRG VRE	COL FTK		1.56	0.21		5.6		
313	Boxelder	490	355	380	465	392	772	373	729	1.07	1.31	1.10	2.18	1.05	2.05	No Change	Lg. Inc.	SES DISP DRO COL TGR	FTK		2.39	2.06		7.4		
823	Bur oak	488	432	405	479	334	508	322	474	0.94	1.11	0.77	1.18	0.75	1.10	Sm. Dec.	No Change	DRO FTK			2.77	-0.16		6.4		
973	Cedar elm	0	0	0	0	0	6	0	41	NA	NA	NA	New	NA	New	NA	New-High		DISE		-0.27	-1.17		3.3		
826	Chinkapin oak	3	5	16	93	132	117	105	104	3.20	18.60	26.40	23.40	21.00	20.80	Lg. Inc.	Lg. Inc.	TGR			1.18	-0.66		4.8		
763	Chokecherry	13	12	7	2	19	0	12	0	0.58	0.17	1.58	0.00	1.00	0.00	No Change	Lg. Dec.		COL		0.18	-0.86		3.8		
521	Common persimmon	0	0	0	2	42	8	49	65	NA	NA	New	New	New	New	New_Low	New-High	COL EHS			1.18	0.95		5.8		
742	Eastern cottonwood	163	187	231	335	319	466	297	381	1.24	1.79	1.71	2.49	1.59	2.04	Sm. Inc.	Lg. Inc.	TGR	INS COL DISE FTK		0.22	-0.75		3.9		
701	Eastern hophornbeam	75	138	143	166	261	77	229	79	1.04	1.20	1.89	0.56	1.66	0.57	Sm. Inc.	Sm. Dec.	COL EHS TGR			1.72	1.29		6.4		
68	Eastern red cedar	4	43	89	169	191	252	175	235	2.07	3.93	4.44	5.86	4.07	5.47	Lg. Inc.	Lg. Inc.	DRO	FTK COL INS		0.56	-1.48		3.9		
471	Eastern redbud	0	10	69	162	120	254	112	225	6.90	16.20	12.00	25.40	11.20	22.50	Lg. Inc.	Lg. Inc.				0.9	-0.03		4.9		
129	Eastern white pine	21	58	31	1	49	2	34	1	0.53	0.02	0.85	0.03	0.59	0.02	Sm. Dec.	Lg. Dec.	DISP	DRO FTK INS		-1.97	0.13		3.3		
491	Flowering dogwood	23	29	37	29	100	29	90	62	1.28	1.00	3.45	1.00	3.10	2.14	Lg. Inc.	Lg. Inc.	COL			0.07	0.95		5.0		
544	Green ash	201	291	276	402	454	541	425	476	0.95	1.38	1.56	1.86	1.46	1.64	Sm. Inc.	Sm. Inc.		INS FTK COL		-0.13	-0.25		4.0		
462	Hackberry	134	274	425	562	757	620	684	554	1.55	2.05	2.76	2.26	2.50	2.02	Lg. Inc.	Lg. Inc.	DRO	FTK		1.66	0.3		5.7		
552	Honeylocust	132	186	348	348	564	383	532	389	1.87	1.87	3.03	2.06	2.86	2.09	Lg. Inc.	Lg. Inc.		COL		1.91	-0.54		5.5		
105	Jack pine	17	23	9	13	9	40	8	74	0.39	0.57	0.39	1.74	0.35	3.22	Lg. Dec.	Lg. Inc.	DRO	COL INS		1.87	-1.24		5.2		
571	Kentucky coffeetree	11	4	10	19	27	28	21	26	2.50	4.75	6.75	7.00	5.25	6.50	Lg. Inc.	Lg. Inc.		COL		0.9	-1.21		4.3		
121	Longleaf pine	0	0	0	0	54	0	25	0	NA	NA	New	NA	New	NA	New_Low	NA	FTK	COL		0.96	-1.74		4.2		
409	Mockernut hickory	4	24	30	76	78	91	71	115	1.25	3.17	3.25	3.79	2.96	4.79	Lg. Inc.	Lg. Inc.		FTK		1.69	-0.28		5.4		
452	Northern catalpa	0	6	2	2	12	2	12	12	0.33	0.33	0.33	2.00	0.33	2.00	No Change	Sm. Inc.		COL EHS		0.93	-1.58		4.2		
809	Northern pin oak	74	41	26	23	33	31	20	45	0.63	0.56	0.81	0.76	0.49	1.10	Lg. Dec.	No Change	DRO FTK	COL		2.52	-0.56		6.0		
833	Northern red oak	312	320	301	304	446	211	405	169	0.94	0.95	1.39	0.66	1.27	0.53	Sm. Inc.	Sm. Dec.		INS		1.39	0.13		5.4		
241	Northern white-cedar	0	7	2	1	1	18	1	14	0.29	0.14	0.14	2.57	0.14	2.00	No Change	Sm. Inc.	COL	FTK		-0.7	0.49		4.2		
331	Ohio buckeye	2	10	10	29	28	26	25	18	1.00	2.90	2.80	2.60	2.50	1.80	Lg. Inc.	Sm. Inc.	COL	SES FTK		0.38	-1.92		3.5		

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				PCM B1	GFDL A1FI	PCM B1	GFDL A1FI	PCM B1	GFDL A1FI	PCM B1	GFDL A1FI	PCM B1	GFDL A1FI	PCM B1	GFDL A1FI	PCM B1	GFDL A1FI	PCM B1	GFDL A1FI	PCM B1	GFDL A1FI	Positive Traits	Negative Traits
641	Osage-orange	95	162	210	159	422	206	346	230	1.30	0.98	2.61	1.27	2.14	1.42	Lg. Inc.	Sm. Inc.	EHS ESP			2.32	0.33	6.3
375	Paper birch	26	35	10	6	9	6	8	8	0.29	0.17	0.26	0.17	0.23	0.23	Lg. Dec.	Lg. Dec.	FRG DISP EHS	FTK COL INS DRO	-1.72	0.18	3.4	
367	Pawpaw	3	2	2	3	50	3	28	4	1.00	1.50	25.00	1.50	14.00	2.00	Lg. Inc.	No Change	COL	DRO	-0.48	-0.32	3.7	
403	Pignut hickory	78	67	80	136	118	87	112	142	1.19	2.03	1.76	1.30	1.67	2.12	Sm. Inc.	Lg. Inc.	EHS	INS DRO	0.22	0.4	4.7	
830	Pin oak	80	81	90	168	209	310	174	289	1.11	2.07	2.58	3.83	2.15	3.57	Lg. Inc.	Lg. Inc.		FTK COL INS DISE	-0.65	-1.39	2.8	
835	Post oak	0	0	7	105	30	147	48	503	New	New	New	New	New	New	New_Low	New-High	DRO TGR FTK	COL INS DISE	2.17	-0.59	5.7	
746	Quaking aspen	88	74	34	16	22	36	15	40	0.46	0.22	0.30	0.49	0.20	0.54	Lg. Dec.	Sm. Dec.	TGR FRG EHS	COL DRO FTK	0.56	0.01	4.7	
316	Red maple	229	241	225	209	258	311	232	288	0.93	0.87	1.07	1.29	0.96	1.20	No Change	No Change	SES EHS ESP COL DISP		3	3	8.5	
682	Red mulberry	148	146	183	233	335	297	302	286	1.25	1.60	2.30	2.03	2.07	1.96	Lg. Inc.	Sm. Inc.	COL DISP	FTK	0.07	0.59	4.7	
125	Red pine	75	90	49	55	42	57	41	52	0.54	0.61	0.47	0.63	0.46	0.58	Lg. Dec.	Sm. Dec.		INS COL DISP	0.86	-2.42	3.9	
373	River birch	20	5	17	15	53	27	44	84	3.40	3.00	10.60	5.40	8.80	16.80	Lg. Inc.	Lg. Inc.	DISP	FTK COL DRO	-0.45	-0.32	3.7	
977	Rock elm	13	1	6	7	13	29	10	31	6.00	7.00	13.00	29.00	10.00	31.00	Lg. Inc.	Lg. Inc.		EHS ESP SES	-0.2	-2.61	2.8	
931	Sassafras	73	66	91	57	147	40	137	104	1.38	0.86	2.23	0.61	2.08	1.58	Lg. Inc.	Sm. Inc.		COL FTK	0.48	-0.64	4.2	
806	Scarlet oak	19	6	12	7	15	4	14	9	2.00	1.17	2.50	0.67	2.33	1.50	No Change	No Change	VRE EHS ESP	INS DISE FTK	-0.35	0.71	4.6	
407	Shagbark hickory	272	250	324	325	504	259	469	263	1.30	1.30	2.02	1.04	1.88	1.05	Sm. Inc.	No Change		INS FTK	-0.2	0.37	4.4	
405	Shellbark hickory	3	1	5	30	11	27	10	42	5.00	30.00	11.00	27.00	10.00	42.00	Lg. Inc.	Lg. Inc.	COL	FTK EHS	-0.48	-0.3	3.7	
817	Shingle oak	1	4	28	81	87	59	88	66	7.00	20.25	21.75	14.75	22.00	16.50	Lg. Inc.	Lg. Inc.	EHS	COL	1.31	-0.74	4.9	
110	Shortleaf pine	4	0	4	1	7	1	7	3	1.00	0.25	1.75	0.25	1.75	0.75	Sm. Inc.	Sm. Dec.	EHS	COL INS DRO	0	-0.97	3.6	
317	Silver maple	95	281	326	545	604	687	540	744	1.16	1.94	2.15	2.45	1.92	2.65	Sm. Inc.	Lg. Inc.	DISP SES COL	DRO FTK	0.13	1.63	5.6	
975	Slippery elm	137	181	192	257	401	265	351	218	1.06	1.42	2.22	1.46	1.94	1.20	Sm. Inc.	Sm. Inc.	COL	FTK DISE	0.03	0.68	4.8	
318	Sugar maple	260	324	337	317	555	219	515	160	1.04	0.98	1.71	0.68	1.59	0.49	Sm. Inc.	Lg. Dec.	COL EHS		0.86	1.34	5.8	
461	Sugarberry	0	0	0	3	1	75	1	121	NA	New	NA	New	NA	New	NA	New-High	COL SES	FTK	-0.17	0.64	4.6	
804	Swamp white oak	32	32	40	83	94	99	84	80	1.25	2.59	2.94	3.09	2.63	2.50	Lg. Inc.	Lg. Inc.			1.04	-0.3	4.9	
611	Sweetgum	2	0	1	0	37	2	16	2	0.50	0.00	18.50	1.00	8.00	1.00	Lg. Inc.	NA	VRE EHS	FTK COL DRO	-0.41	0.18	4.1	
731	Sycamore	19	35	71	76	160	94	145	128	2.03	2.17	4.57	2.69	4.14	3.66	Lg. Inc.	Lg. Inc.			1.28	-0.9	4.8	
71	Tamarack (native)	2	4	2	2	5	2	6	6	0.50	0.50	0.50	1.25	0.50	1.50	No Change	Sm. Inc.		FTK COL INS	-0.48	-1.24	3.1	
819	Turkey oak	0	0	0	0	29	0	16	0	NA	NA	New	NA	New	NA	New_Low	NA	SES DRO TGR	COL	2.62	-0.88	6.0	
541	White ash	232	275	353	367	553	278	484	262	1.28	1.34	2.01	1.01	1.76	0.95	Sm. Inc.	No Change		INS FTK COL	-2.01	-0.54	2.7	
802	White oak	539	507	491	584	553	279	551	213	0.97	1.15	1.09	0.55	1.09	0.42	No Change	Lg. Dec.	EHS ESP TGR FTK	INS DISE	1.66	1	6.1	
94	White spruce	8	2	5	1	2	1	2	1	2.50	0.50	1.00	0.50	1.00	0.50	No Change	Sm. Dec.		INS	0.07	-0.62	3.9	
766	Wild plum	37	15	12	38	14	86	14	113	0.80	2.53	0.93	5.73	0.93	7.53	No Change	Lg. Inc.		COL	0.48	-1.34	3.9	
971	Winged elm	0	0	0	0	0	38	0	161	NA	NA	NA	New	NA	New	NA	New-High		INS DISE	-0.58	-0.3	3.6	
621	Yellow-poplar	35	27	31	27	120	13	95	25	1.15	1.00	4.44	0.48	3.52	0.93	Lg. Inc.	No Change	SES DISP EHS	INP	0.13	1.26	5.3	