
Morice TSA

ADDENDUM: Stand and Stock Tables from VRI Phase II Ground Samples

Prepared for:
**Ministry of Forests, Lands and Natural Resource Operations
Forest Analysis and Inventory Branch
Victoria, BC**

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Introduction and Notes to Tables

This set of stand and stock tables and accompanying graphs was produced as an addendum to the report “Morice TSA: Documentation of Vegetation Resources Inventory Analysis”¹. The purpose was to provide additional information that may help to address questions related to the mid-term timber supply in the Morice TSA. The scope of this addendum was limited to producing the tables and graphs that follow.

Additional information regarding the data used to generate these tables (population definitions, sample selection details, sampling weights, etc.) can be found in the main report. However, the following details may be helpful in interpreting the stand and stock tables herein.

The two main strata referenced in this analysis (i.e. “mature” and “immature”) correspond with the populations of interest that were sampled for the Morice TSA VRI data analysis:

1. Immature or Young Stand Monitoring (YSM): stands between 15 and 50 years of age (in 2011), *not* restricted to Vegetated Treed (VT) polygons, and
2. Mature or Volume Audit: stands 51 years and older (in 2011) in the Vegetated Treed portion of the landbase.

Fifty samples were established in each of these main strata. A file that identified whether or not a sample was located in the timber harvesting land base (THLB) was provided by Forest Analysis and Inventory Branch staff. The distribution of samples by maturity and THLB is shown below.

Morice TSA VRI Phase II sample distribution:

	Non-THLB	THLB
Immature	4	46
Mature	22	28

For the stand and stock tables, an additional age break within the immature stratum was also applied: samples with inventory age 15-29 years (n=29); and samples with inventory age 30-51 years (n=21). Although the age-related stratification (e.g. mature/immature) was based on the Phase I inventory, all volume and stem count data in these tables are based on the Phase II ground sample since tree-level information (i.e. species and dbh class) was required to produce the stand and stock tables.

The Phase II ground sample data is only collected for trees of at least 4cm dbh. Hence the lower bound of the 5cm dbh class is actually 4cm dbh.

All volumes/ha reported in the stock tables are merchantable volume (10cm minimum top diameter and 30cm high stump) net of decay, waste and breakage. Volumes have been net factored and have had net volume adjustment factors (NVAF) applied. As a result of the merchantability limits, there is no volume reported in the lowest dbh class.

¹ “Morice TSA: Documentation of Vegetation Resources Inventory Analysis”, prepared by Jahraus Consulting Inc. March 2013, 58p.

Table 1a: Mature samples (>51 years of age), LIVE trees

Stand Table: Distribution of Mean Trees/ha by DBH class															
Species	DBH Class (cm), by class midpoint														Subtotal
	5	10	15	20	25	30	35	40	45	50	55	60	65	70+	
AC	.	.	1.4	.	1.1	.	0.6	.	0.4	0.3	.	.	.	.	3.8
AT	8.8	10.4	10.6	11.5	7.3	1.0	0.5	.	.	.	.	.	.	.	50.1
B	410.1	241.9	101.8	65.8	41.8	28.8	18.5	11.9	10.2	5.9	2.1	0.8	0.3	1.6	941.6
H	.	69.6	22.0	7.5	5.8	5.3	.	0.6	.	.	.	.	.	.	110.9
PL	10.4	62.6	59.5	35.4	18.4	8.6	1.2	1.1	0.2	.	.	.	.	.	197.2
S	72.2	41.0	37.0	36.9	16.0	11.7	8.6	5.1	3.7	1.7	0.6	0.3	0.5	0.3	235.5
Subtotal	501.5	425.6	232.2	157.2	90.4	55.4	29.3	18.7	14.4	7.9	2.7	1.1	0.8	1.9	1539.2

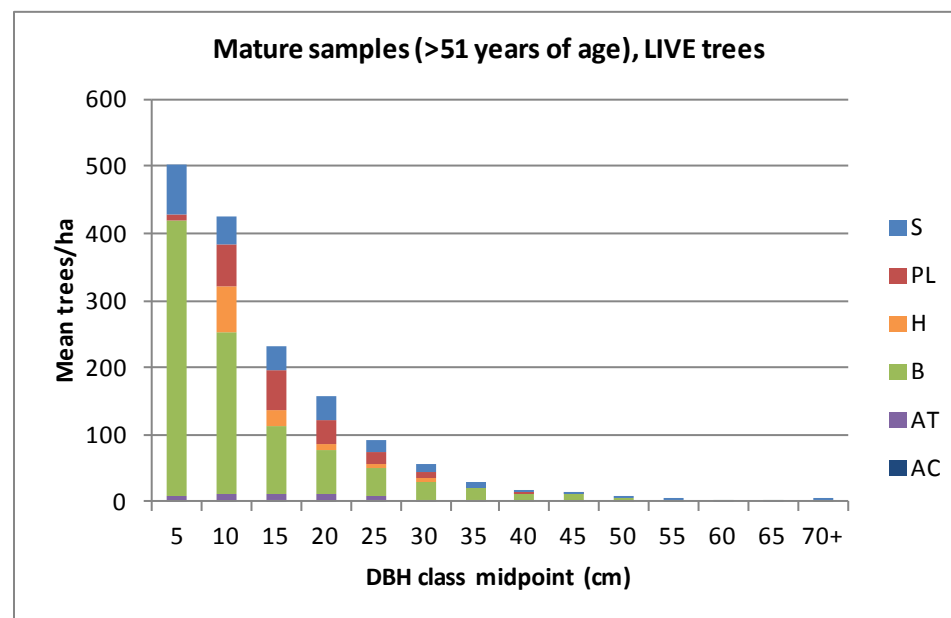
**Figure 1a: Mean trees/ha by DBH class and species for mature samples (>51 years of age), LIVE trees.**

Table 1b: Mature samples (>51 years of age), LIVE trees

Stock Table: Distribution of Mean Volume/ha (m^3/ha) by DBH class															
Species	DBH Class (cm), by class midpoint														Subtotal
	5	10	15	20	25	30	35	40	45	50	55	60	65	70+	
AC	.	.	0.132	.	0.277	.	0.332	.	0.390	0.478	.	.	.	.	1.609
AT	0.000	0.250	0.906	2.089	2.293	0.552	0.453	.	.	.	.	.	.	.	6.543
B	0.000	2.658	6.846	10.464	11.910	14.501	13.807	12.172	13.286	10.592	4.422	2.389	1.189	9.757	113.993
H	.	0.318	0.970	0.643	1.146	1.595	.	0.419	.	.	.	.	.	.	5.092
PL	0.000	1.295	5.262	7.557	7.092	5.058	0.920	1.175	0.276	.	.	.	.	.	28.636
S	0.000	0.659	2.975	6.549	5.302	6.028	7.566	6.082	6.338	3.614	1.834	1.125	2.403	1.902	52.378
Subtotal	0.000	5.180	17.091	27.302	28.020	27.734	23.079	19.848	20.291	14.683	6.256	3.515	3.593	11.659	208.250

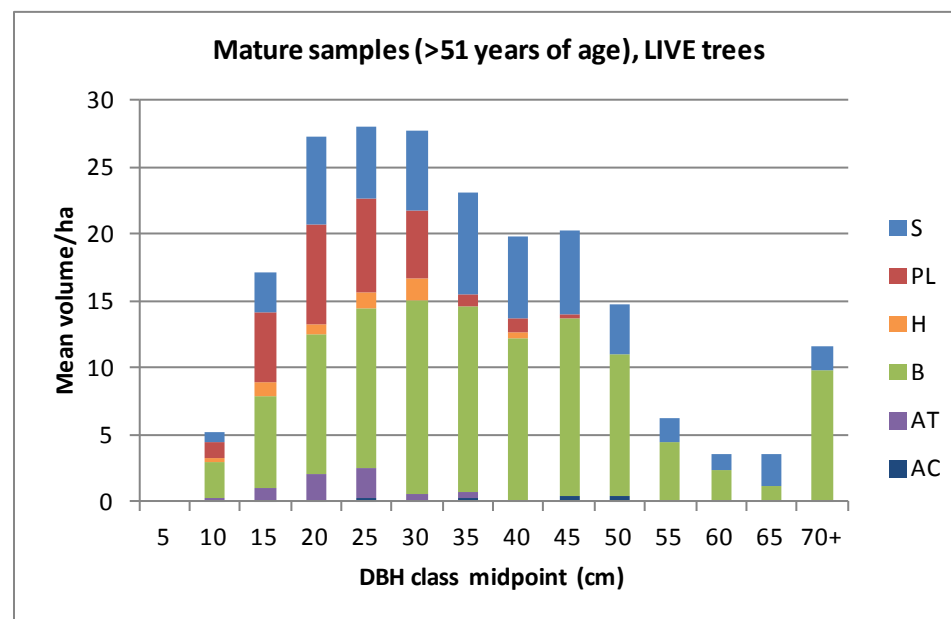
**Figure 1b: Mean volume/ha by DBH class and species for mature samples (>51 years of age), LIVE trees.**

Table 2a: Mature samples (>51 years of age), DEAD trees

Stand Table: Distribution of Mean Trees/ha by DBH class															
Species	DBH Class (cm), by class midpoint														Subtotal
	5	10	15	20	25	30	35	40	45	50	55	60	65	70+	
AT	.	3.3	2.4	.	.	.	0.4	.	.	.	.	.	.	.	6.2
B	8.5	20.5	19.6	17.0	23.8	10.7	14.1	7.9	6.4	3.2	0.4	0.6	0.2	0.3	133.1
F	.	2.3	.	2.6	.	1.3	0.4	.	0.3	.	.	.	.	.	6.9
PA	.	.	.	.	.	.	.	0.5	.	.	.	.	.	.	0.5
PL	.	37.8	30.2	33.3	32.7	27.4	13.5	9.3	3.1	0.9	0.3	.	.	.	188.5
S	14.2	11.4	2.4	2.4	.	0.4	1.4	0.3	.	1.1	0.4	0.3	.	.	34.4
Subtotal	22.7	75.4	54.6	55.3	56.5	39.7	29.8	18.0	9.8	5.2	1.1	0.9	0.2	0.3	369.7

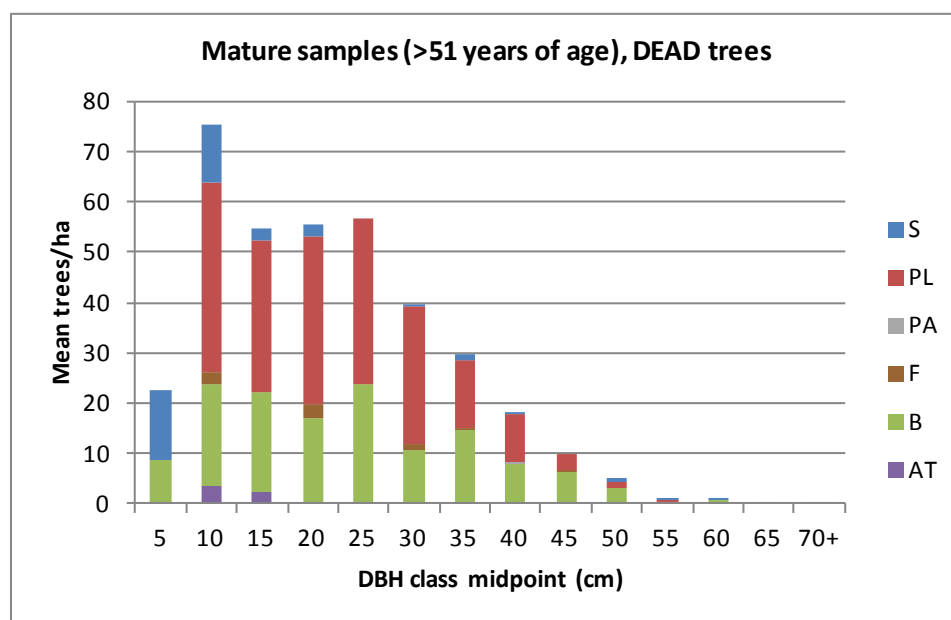
**Figure 2a: Mean trees/ha by DBH class and species for mature samples (>51 years of age), DEAD trees.**

Table 2b: Mature samples (>51 years of age), DEAD trees

Stock Table: Distribution of Mean Volume/ha (m^3/ha) by DBH class															
Species	DBH Class (cm), by class midpoint														Subtotal
	5	10	15	20	25	30	35	40	45	50	55	60	65	70+	
AT	.	0.000	0.047	.	.	.	0.027	.	.	.	.	.	.	.	0.074
B	0.000	0.175	1.357	2.127	5.712	3.750	8.204	5.857	6.797	4.103	0.596	1.219	0.501	0.776	41.172
F	.	0.000	.	0.000	.	0.000	0.000	.	0.000	.	.	.	.	.	0.000
PA	.	.	.	.	.	.	.	0.322	.	.	.	.	.	.	0.322
PL	.	0.475	2.630	7.203	12.746	15.719	12.234	11.072	4.914	1.897	0.888	.	.	.	69.778
S	0.000	0.053	0.134	0.381	.	0.216	1.023	0.493	.	1.418	0.680	1.048	.	.	5.445
Subtotal	0.000	0.703	4.168	9.711	18.458	19.685	21.488	17.744	11.711	7.417	2.163	2.266	0.501	0.776	116.791

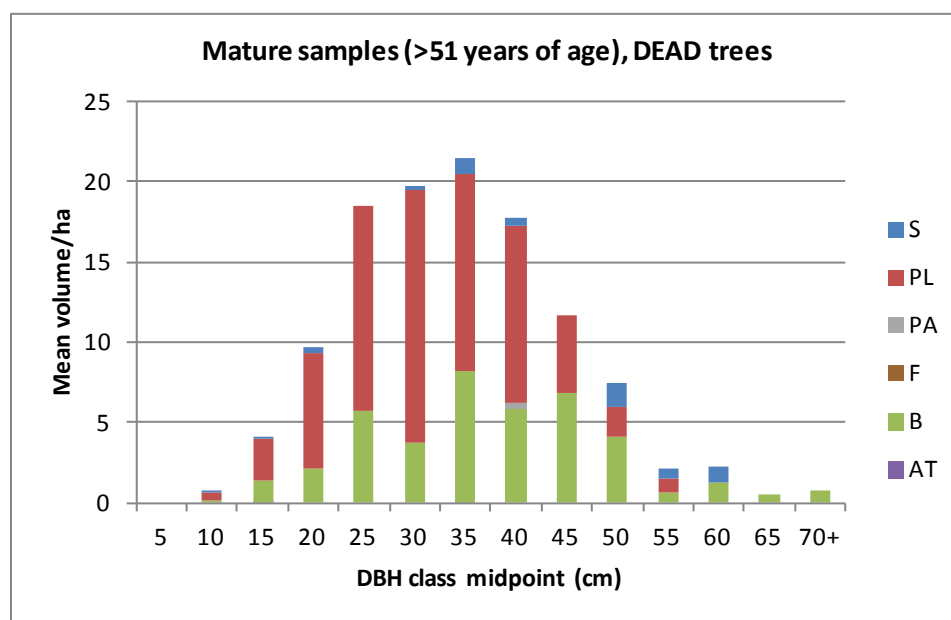
**Figure 2b: Mean volume/ha by DBH class and species for mature samples (>51 years of age), DEAD trees.**

Table 3a: Immature stratum, all samples (15-51 years of age), LIVE trees

Stand Table: Distribution of Mean Trees/ha by DBH class															
Species	DBH Class (cm), by class midpoint														Subtotal
	5	10	15	20	25	30	35	40	45	50	55	60	65	70+	
AC	26.0	31.0	13.0	4.0	0.5	0.5	.	.	0.5	.	.	.	.	.	75.5
AT	36.0	39.5	12.5	1.0	.	.	.	.	.	.	.	.	.	.	89.1
B	140.1	108.1	25.5	6.5	2.5	2.0	0.5	1.0	1.0	0.5	.	0.5	0.5	.	288.7
H	.	.	0.5	.	.	.	.	.	.	.	.	.	.	.	0.5
PA	2.0	.	.	.	.	.	.	.	.	.	.	.	.	.	2.0
PL	150.1	492.3	297.7	98.1	6.5	0.5	.	.	.	.	.	.	.	.	1045.1
S	192.1	147.1	78.5	26.5	4.0	1.5	.	.	.	.	.	.	.	.	449.8
Subtotal	546.3	818.0	427.7	136.1	13.5	4.5	0.5	1.0	1.5	0.5	0.0	0.5	0.5	0.0	1950.6

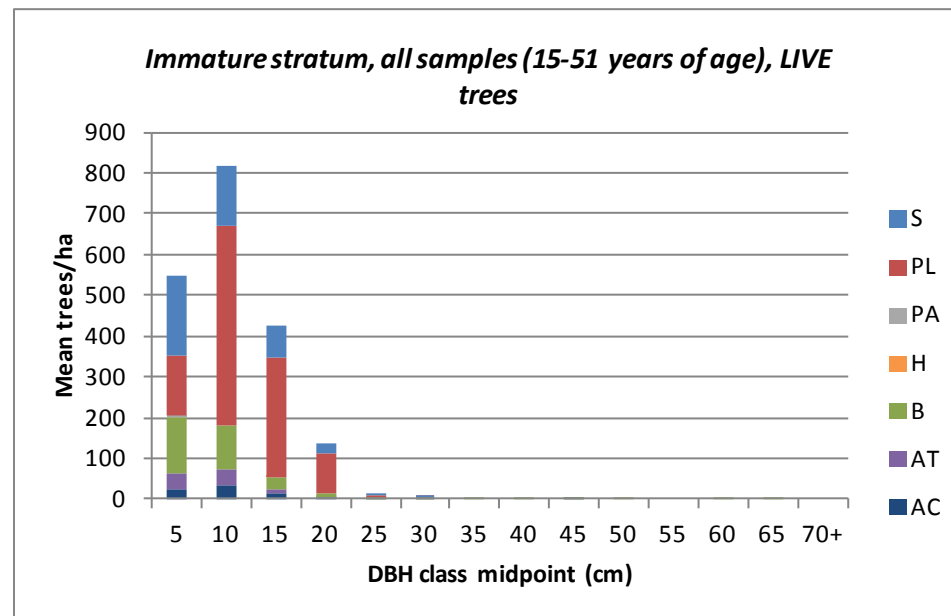
**Figure 3a: Mean trees/ha by DBH class and species for immature, all samples (15-51 years of age), LIVE trees.**

Table 3b: Immature stratum, all samples (15-51 years of age), LIVE trees

Stock Table: Distribution of Mean Volume/ha (m³/ha) by DBH class															
Species	DBH Class (cm), by class midpoint														Subtotal
	5	10	15	20	25	30	35	40	45	50	55	60	65	70+	
AC	0	0.053	0.729	0.612	0.117	0.200	.	.	0.407	.	.	.	.	.	2.118
AT	0	0.173	0.748	0.161	.	.	.	.	.	.	.	.	.	.	1.082
B	0	0.362	1.127	0.792	0.424	0.639	0.254	1.046	1.210	0.643	.	0.953	1.248	.	8.697
H	.	.	0.008	.	.	.	.	.	.	.	.	.	.	.	0.008
PA	0	.	.	.	.	.	.	.	.	.	.	.	.	.	0.000
PL	0	2.666	16.371	11.890	1.438	0.190	.	.	.	.	.	.	.	.	32.555
S	0	0.405	4.154	2.931	0.943	0.544	.	.	.	.	.	.	.	.	8.976
Subtotal	0	3.659	23.137	16.385	2.921	1.573	0.254	1.046	1.617	0.643	0.000	0.953	1.248	0.000	53.435

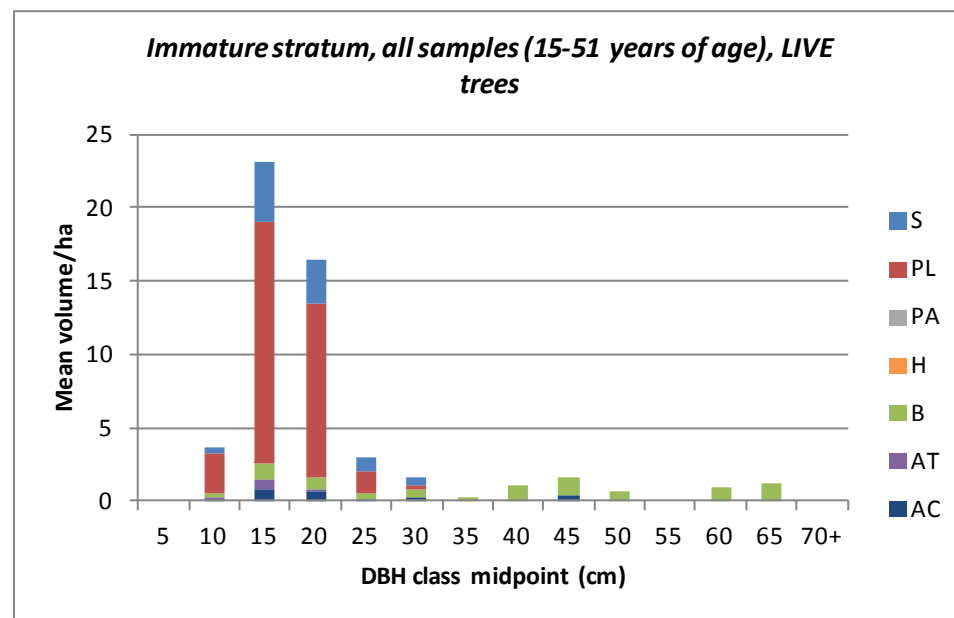
**Figure 3b: Mean volume/ha by DBH class and species for immature, all samples (15-51 years of age), LIVE trees.**

Table 4a: Immature stratum, all samples (15-51 years of age), DEAD trees

Stand Table: Distribution of Mean Trees/ha by DBH class															
Species	DBH Class (cm), by class midpoint														Subtotal
	5	10	15	20	25	30	35	40	45	50	55	60	65	70+	
AC	8.0	3.0	.	.	.	.	.	.	.	.	.	.	.	.	11.0
B	4.0	0.5	1.0	.	.	.	0.5	.	.	.	.	.	.	.	6.0
F	2.0	0.5	6.0	4.0	2.5	2.5	.	.	.	.	.	.	.	.	17.5
PL	8.0	15.5	1.0	1.0	1.5	1.0	1.0	.	.	.	.	.	.	.	29.0
S	.	0.5	.	.	.	.	.	.	.	.	.	.	.	.	0.5
Subtotal	22.0	20.0	8.0	5.0	4.0	3.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	64.0

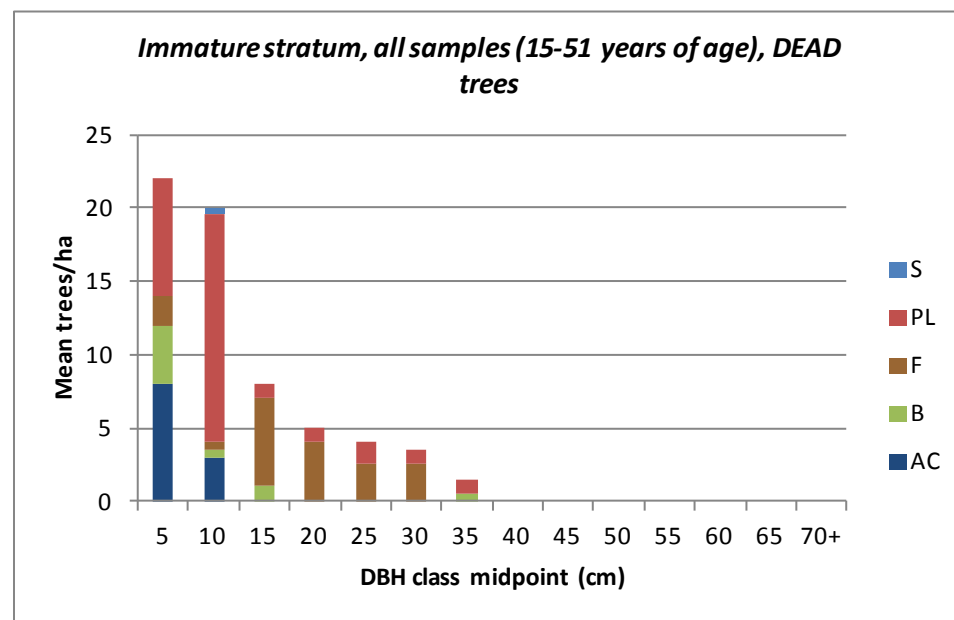
**Figure 4a: Mean trees/ha by DBH class and species for immature, all samples (15-51 years of age), DEAD trees.**

Table 4b: Immature stratum, all samples (15-51 years of age), DEAD trees

Stock Table: Distribution of Mean Volume/ha (m^3/ha) by DBH class															
Species	DBH Class (cm), by class midpoint														Subtotal
	5	10	15	20	25	30	35	40	45	50	55	60	65	70+	
AC	0	0.000	.	.	.	.	.	.	.	.	.	.	.	.	0.000
B	0	0.001	0.030	.	.	.	0.218	.	.	.	.	.	.	.	0.249
F	0	0.004	0.312	0.630	0.589	0.572	.	.	.	.	.	.	.	.	2.106
PL	0	0.025	0.072	0.175	0.500	0.488	0.733	.	.	.	.	.	.	.	1.992
S	.	0.001	.	.	.	.	.	.	.	.	.	.	.	.	0.001
Subtotal	0	0.031	0.414	0.805	1.088	1.059	0.951	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.349

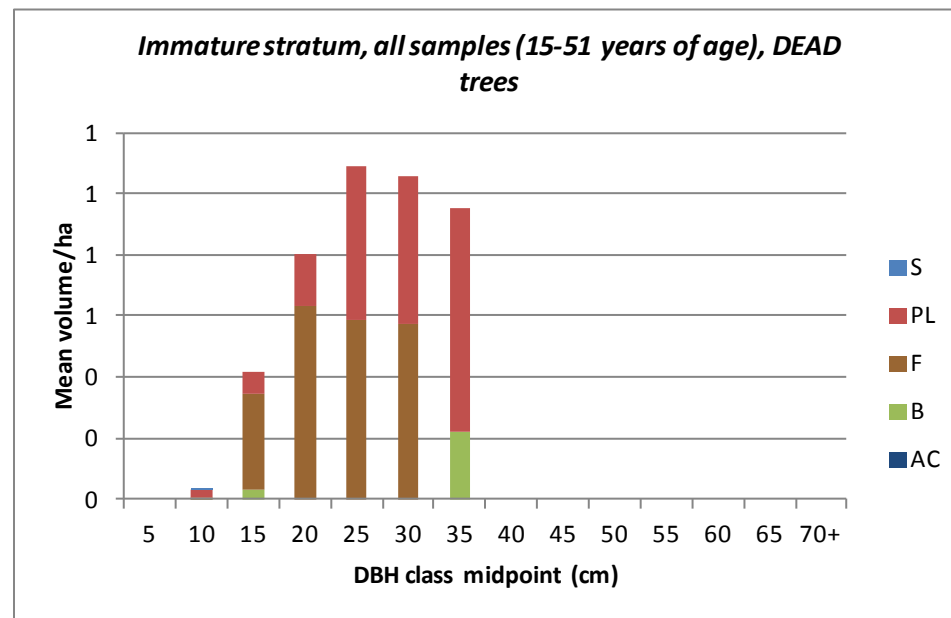
**Figure 4b: Mean volume/ha by DBH class and species for immature, all samples (15-51 years of age), DEAD trees.**

Table 5a: Immature stratum, older samples (30-51 years of age), LIVE trees

Stand Table: Distribution of Mean Trees/ha by DBH class															
Species	DBH Class (cm), by class midpoint														Subtotal
	5	10	15	20	25	30	35	40	45	50	55	60	65	70+	
AC	52.2	55.5	28.3	8.7	1.1	1.1	.	.	1.1	.	.	.	.	.	147.9
AT	4.4	3.3	3.3	1.1	.	.	.	.	.	.	.	.	.	.	12.0
B	217.5	124.0	45.7	12.0	5.4	4.4	1.1	2.2	2.2	1.1	.	1.1	1.1	.	417.7
H	.	.	1.1	.	.	.	.	.	.	.	.	.	.	.	1.1
PA	4.4	.	.	.	.	.	.	.	.	.	.	.	.	.	4.4
PL	152.3	410.1	270.8	134.9	12.0	1.1	.	.	.	.	.	.	.	.	981.1
S	278.4	218.6	139.2	43.5	5.4	3.3	.	.	.	.	.	.	.	.	688.5
<i>Subtotal</i>	709.2	811.4	488.4	200.1	23.9	9.8	1.1	2.2	3.3	1.1	0.0	1.1	1.1	0.0	2252.6

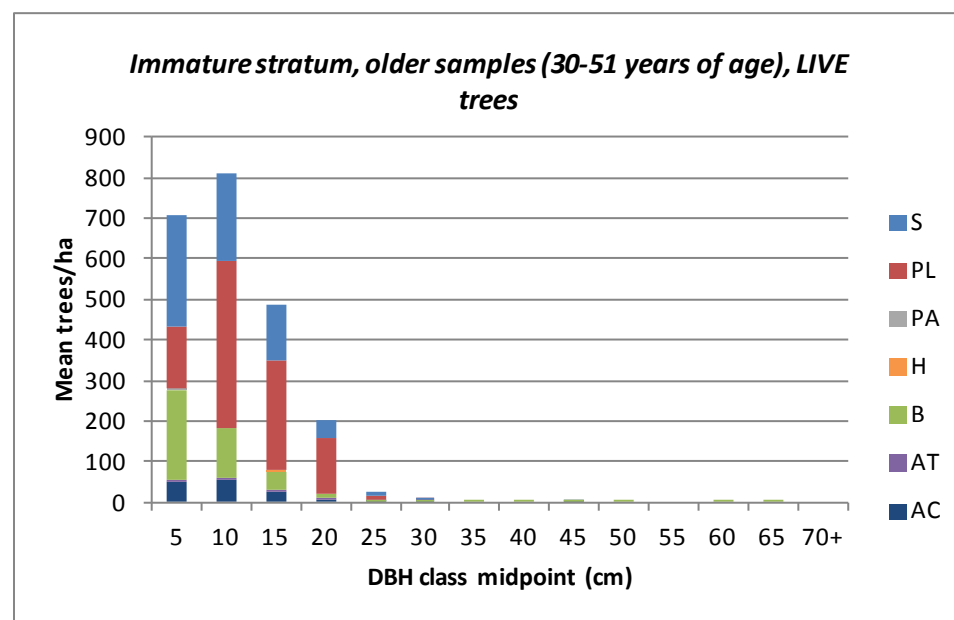
**Figure 5a: Mean trees/ha by DBH class and species for immature, older samples (30-51 years of age), LIVE trees.**

Table 5b: Immature stratum, older samples (30-51 years of age), LIVE trees

Stock Table: Distribution of Mean Volume/ha (m^3/ha) by DBH class															
Species	DBH Class (cm), by class midpoint														Subtotal
	5	10	15	20	25	30	35	40	45	50	55	60	65	70+	
AC	0	0.115	1.585	1.331	0.254	0.435	.	.	0.886	.	.	.	.	.	4.605
AT	0	0.015	0.141	0.147	.	.	.	.	.	.	.	.	.	.	0.303
B	0	0.577	2.092	1.573	0.922	1.389	0.551	2.273	2.630	1.398	.	2.071	2.713	.	18.190
H	.	.	0.016	.	.	.	.	.	.	.	.	.	.	.	0.016
PA	0	.	.	.	.	.	.	.	.	.	.	.	.	.	0.000
PL	0	3.303	18.773	17.445	2.725	0.414	.	.	.	.	.	.	.	.	42.660
S	0	0.703	7.752	5.139	1.425	1.182	.	.	.	.	.	.	.	.	16.200
Subtotal	0	4.713	30.359	25.635	5.325	3.419	0.551	2.273	3.516	1.398	0.000	2.071	2.713	0.000	81.974

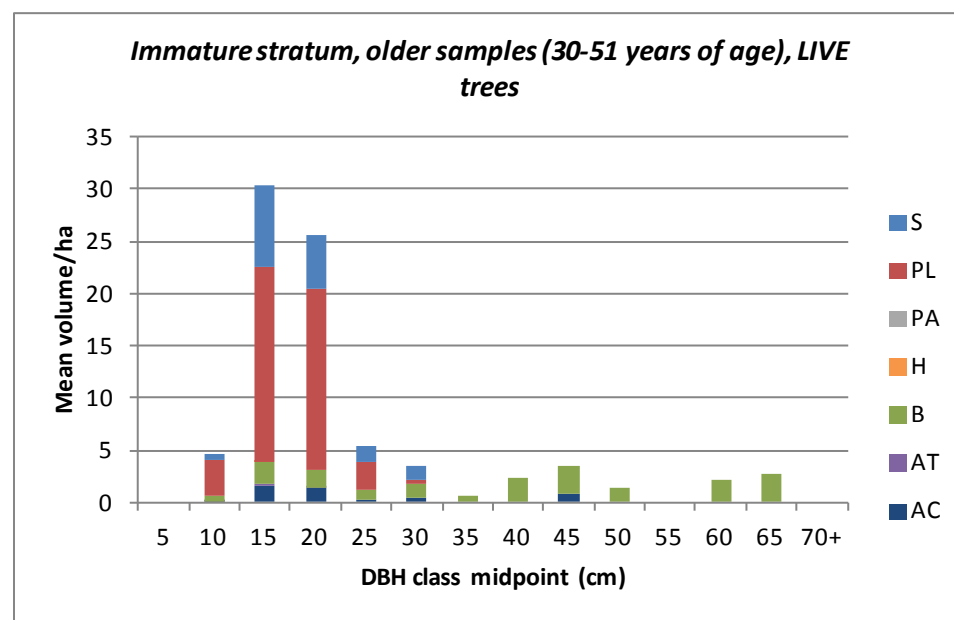
**Figure 5b: Mean volume/ha by DBH class and species for immature, older samples (30-51 years of age), LIVE trees.**

Table 6a: Immature stratum, older samples (30-51 years of age), DEAD trees

Stand Table: Distribution of Mean Trees/ha by DBH class															
Species	DBH Class (cm), by class midpoint														Subtotal
	5	10	15	20	25	30	35	40	45	50	55	60	65	70+	
AC	17.4	6.5	.	.	.	.	.	.	.	.	.	.	.	.	23.9
B	8.7	1.1	2.2	.	.	.	1.1	.	.	.	.	.	.	.	13.1
F	4.4	.	2.2	1.1	1.1	1.1	.	.	.	.	.	.	.	.	9.8
PL	8.7	28.3	2.2	1.1	.	2.2	.	.	.	.	.	.	.	.	42.4
S	.	1.1	.	.	.	.	.	.	.	.	.	.	.	.	1.1
Subtotal	39.2	37.0	6.5	2.2	1.1	3.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90.3

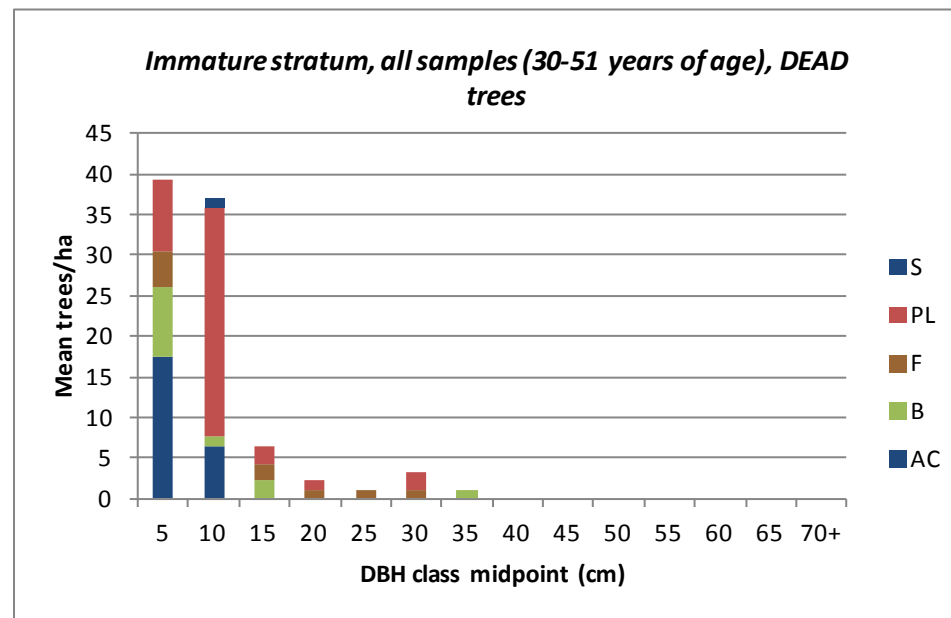
**Figure 6a: Mean trees/ha by DBH class and species for immature, older samples (30-51 years of age), DEAD trees.**

Table 6b: Immature stratum, older samples (30-51 years of age), DEAD trees

Stock Table: Distribution of Mean Volume/ha (m^3/ha) by DBH class															
Species	DBH Class (cm), by class midpoint														Subtotal
	5	10	15	20	25	30	35	40	45	50	55	60	65	70+	
AC	0	0.000	.	.	.	.	.	.	.	.	.	.	.	.	0.000
B	0	0.002	0.066	.	.	.	0.474	.	.	.	.	.	.	.	0.542
F	0	.	0.093	0.205	0.221	0.044	.	.	.	.	.	.	.	.	0.563
PL	0	0.046	0.157	0.274	.	1.060	.	.	.	.	.	.	.	.	1.537
S	.	0.002	.	.	.	.	.	.	.	.	.	.	.	.	0.002
Subtotal	0	0.050	0.316	0.479	0.221	1.104	0.474	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.644

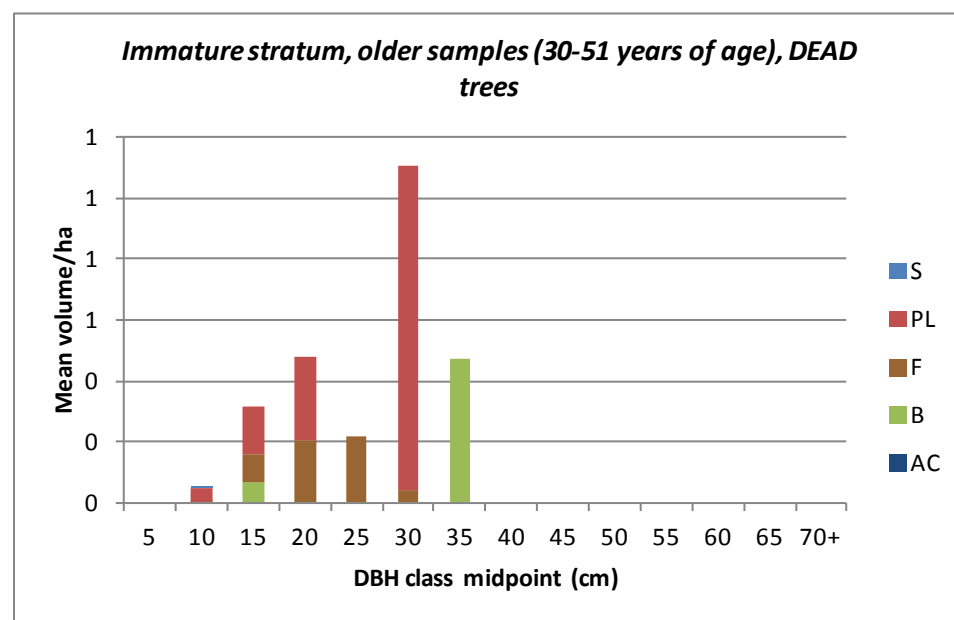
**Figure 6b: Mean volume/ha by DBH class and species for immature, older samples (30-51 years of age), DEAD trees.**

Table 7a: THLB, all samples (n=74), LIVE trees

Stand Table: Distribution of Mean Trees/ha by DBH class															
Species	DBH Class (cm), by class midpoint														Subtotal
	5	10	15	20	25	30	35	40	45	50	55	60	65	70+	
AC	21.8	16.3	4.4	1.6	0.5	.	.	.	0.9	0.6	.	.	.	.	46.1
AT	54.9	57.6	17.9	4.9	.	.	0.9	.	.	.	.	.	.	.	136.2
B	670.6	361.7	116.6	61.3	45.7	26.5	13.4	7.5	8.3	6.5	0.4	1.7	0.9	0.5	1321.5
H	.	.	5.5	4.3	.	.	.	.	.	.	.	.	.	.	9.9
PL	172.9	593.8	401.3	141.5	18.0	8.2	0.6	1.4	.	.	.	.	.	.	1337.6
S	255.5	166.5	114.6	40.8	17.7	14.0	10.3	6.8	4.0	1.1	0.3	0.3	0.3	0.4	632.7
Subtotal	1175.7	1195.9	660.2	254.4	81.9	48.7	25.2	15.7	13.2	8.2	0.7	2.0	1.2	1.0	3484.0

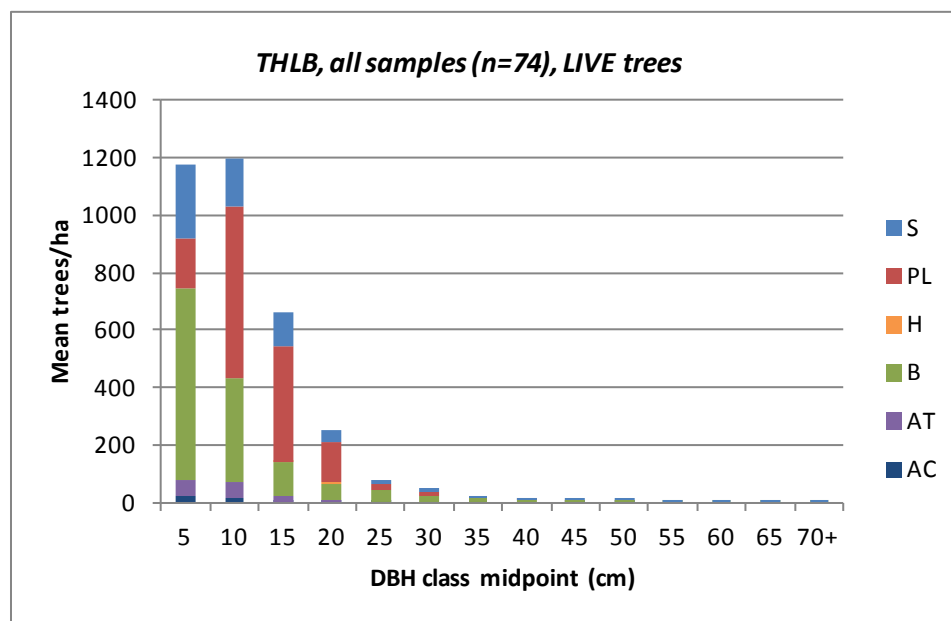
**Figure 7a: Mean trees/ha by DBH class and species for THLB, all samples (n=74), LIVE trees.**

Table 7b: THLB, all samples (n=74), LIVE trees

Stock Table: Distribution of Mean Volume/ha (m³/ha) by DBH class															
Species	DBH Class (cm), by class midpoint														Subtotal
	5	10	15	20	25	30	35	40	45	50	55	60	65	70+	
AC	0	0.013	0.212	0.183	0.127	.	.	.	0.800	0.853	.	.	.	.	2.188
AT	0	0.439	1.078	0.842	.	.	0.809	.	.	.	.	.	.	.	3.168
B	0	2.903	7.366	9.852	13.664	13.482	9.413	7.589	11.183	11.723	0.798	4.443	2.500	2.758	97.673
H	.	.	0.313	0.318	.	.	.	.	.	.	.	.	.	.	0.631
PL	0	4.117	25.171	20.677	5.558	4.841	0.402	1.599	.	.	.	.	.	.	62.364
S	0	0.432	6.899	5.112	5.224	6.712	9.231	8.086	7.223	2.324	1.008	1.084	1.199	2.188	56.723
Subtotal	0	7.904	41.039	36.984	24.573	25.034	19.855	17.274	19.206	14.900	1.806	5.527	3.699	4.946	222.747

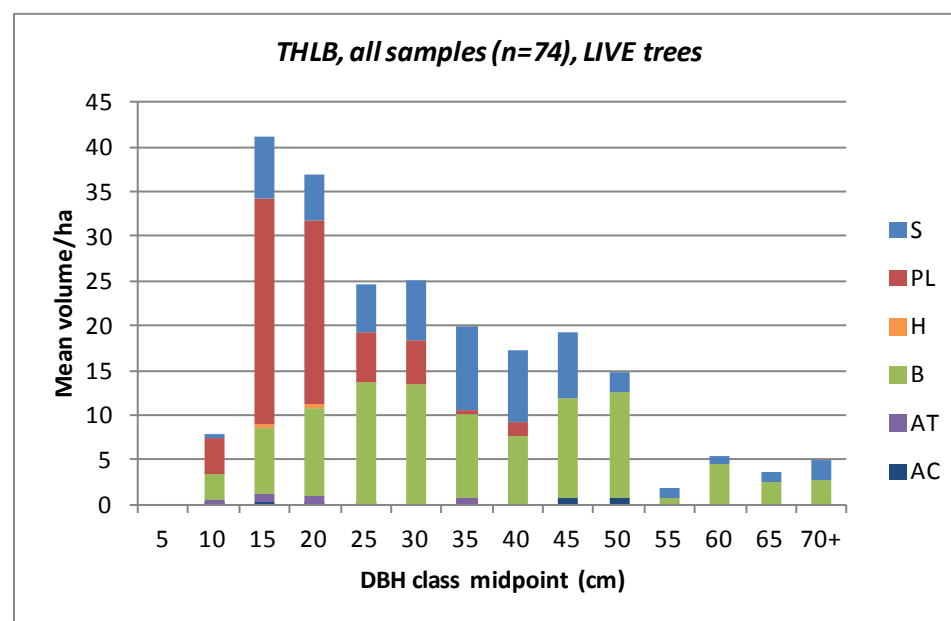
**Figure 7b: Mean volume/ha by DBH class and species for THLB, all samples (n=74), LIVE trees.**

Table 8a: THLB, all samples (n=74), DEAD trees

Stand Table: Distribution of Mean Trees/ha by DBH class															
Species	DBH Class (cm), by class midpoint														Subtotal
	5	10	15	20	25	30	35	40	45	50	55	60	65	70+	
AC	2.2	.	.	.	.	.	.	.	.	.	.	.	.	.	2.2
AT	.	.	4.3	.	.	.	0.8	.	.	.	.	.	.	.	5.1
B	4.4	25.5	22.3	21.6	26.9	7.7	18.4	4.1	8.4	3.2	0.7	0.5	0.3	0.2	144.3
F	2.2	4.7	5.4	7.2	2.2	5.0	.	.	0.5	.	.	.	.	.	27.3
PL	8.7	52.3	30.8	39.2	43.4	33.5	19.6	13.6	5.0	1.6	0.4	.	.	.	248.1
S	.	12.6	.	0.9	.	0.6	1.9	0.5	.	1.1	0.3	0.6	.	.	18.5
Subtotal	17.4	95.1	62.9	68.9	72.5	46.8	40.7	18.2	14.0	5.8	1.4	1.1	0.3	0.2	445.4

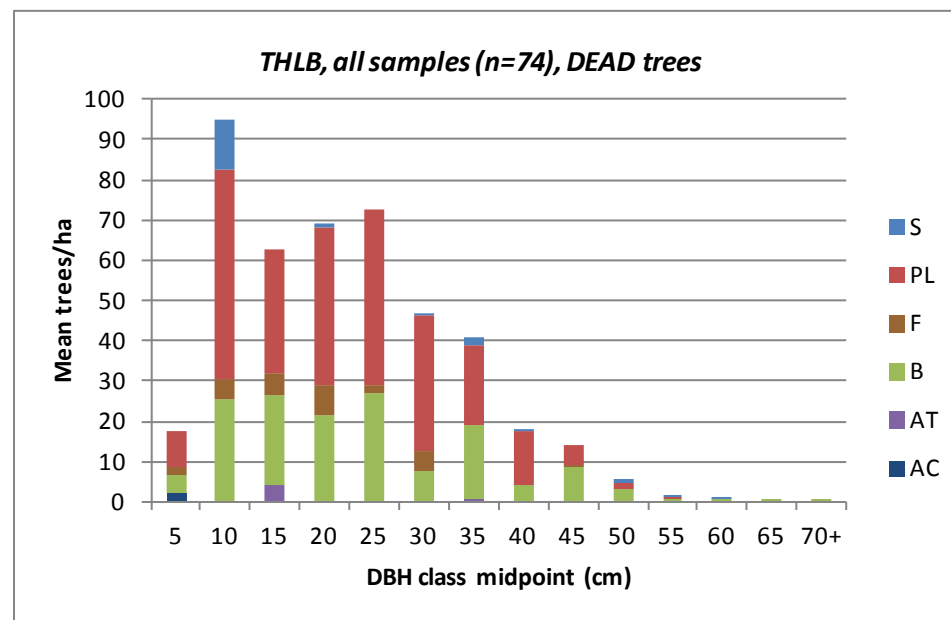
**Figure 8a: Mean trees/ha by DBH class and species for THLB, all samples (n=74), DEAD trees.**

Table 8b: THLB, all samples (n=74), DEAD trees

Stock Table: Distribution of Mean Volume/ha (m³/ha) by DBH class															
Species	DBH Class (cm), by class midpoint														Subtotal
	5	10	15	20	25	30	35	40	45	50	55	60	65	70+	
AC	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
AT	0	0.000	0.084	0.000	0.000	0.000	0.049	.	.	.	.	.	.	.	0.133
B	0	0.314	1.172	2.753	6.870	2.645	11.152	2.932	9.237	3.834	1.064	1.217	0.895	0.598	44.685
F	0	0.005	0.293	0.582	0.530	0.622	.	.	0.000	0.000	0.000	0.000	0.000	0.000	2.031
PL	0	0.326	2.444	8.441	17.081	19.198	17.578	15.683	7.793	3.387	0.922	0.000	0.000	0.000	92.853
S	0	0.001	0.000	0.213	0.000	0.386	1.293	0.881	0.000	1.724	0.604	1.870	0.000	0.000	6.972
Subtotal	0	0.646	3.993	11.989	24.480	22.850	30.072	19.496	17.030	8.945	2.591	3.088	0.895	0.598	146.673

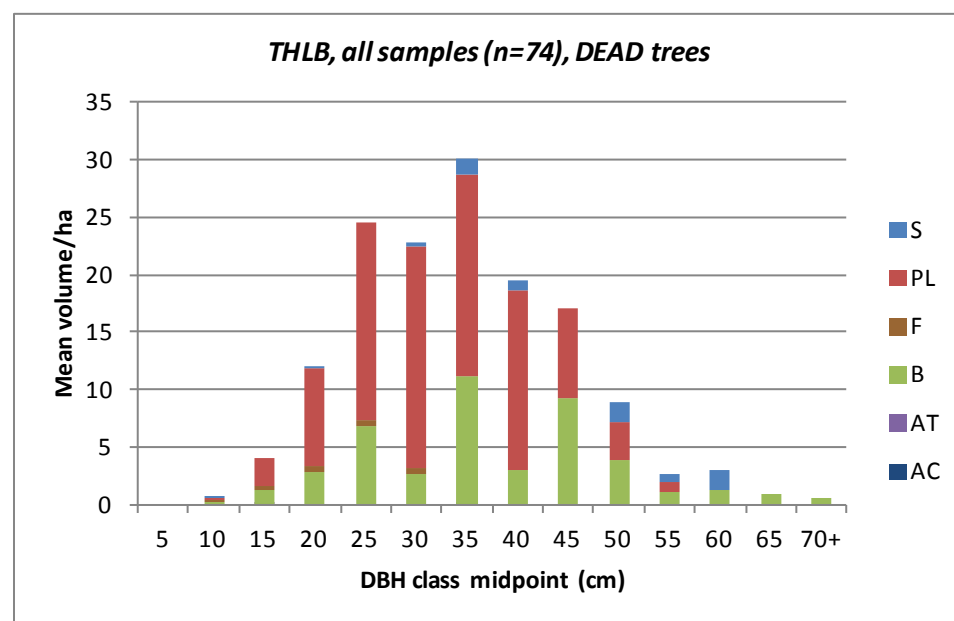
**Figure 8b: Mean volume/ha by DBH class and species for THLB, all samples (n=74), DEAD trees.**

Table 9a: Non-THLB, all samples (n=26), LIVE trees

Stand Table: Distribution of Mean Trees/ha by DBH class															
Species	DBH Class (cm), by class midpoint														Subtotal
	5	10	15	20	25	30	35	40	45	50	55	60	65	70+	
AC	75.1	200.1	115.8	31.3	2.4	6.3	1.3	.	0.4	.	.	.	.	.	432.7
AT	.	5.0	18.6	21.2	16.7	2.2	.	.	.	.	.	.	.	.	63.7
B	383.5	255.7	140.4	114.0	62.6	45.7	25.7	18.9	13.9	5.9	4.3	0.4	0.3	3.0	1074.3
H	.	158.3	49.3	11.6	13.2	12.0	.	1.4	.	.	.	.	.	.	245.8
PA	25.0	.	.	.	.	.	.	.	.	.	.	.	.	.	25.0
PL	100.1	434.8	275.4	80.6	27.9	9.9	1.9	0.6	0.4	.	.	.	.	.	931.5
S	327.2	95.9	46.8	68.7	19.3	10.7	6.4	2.9	3.2	2.4	1.0	0.4	0.8	0.2	585.9
Subtotal	910.8	1149.8	646.4	327.4	142.1	86.8	35.3	23.9	17.9	8.3	5.2	0.8	1.1	3.2	3358.9

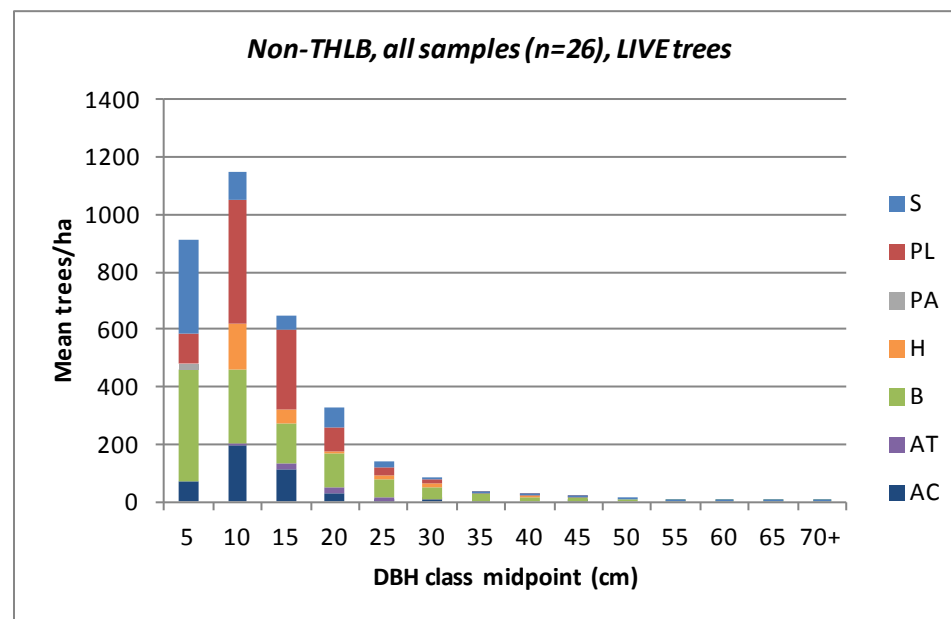
**Figure 9a: Mean trees/ha by DBH class and species for non-THLB, all samples (n=26), LIVE trees.**

Table 9b: Non-THLB, all samples (n=26), LIVE trees

Stock Table: Distribution of Mean Volume/ha (m³/ha) by DBH class															
Species	DBH Class (cm), by class midpoint														Subtotal
	5	10	15	20	25	30	35	40	45	50	55	60	65	70+	
AC	0	0.509	6.972	5.550	0.629	2.500	0.755	.	0.433	.	.	.	.	.	17.348
AT	.	0.248	1.721	3.899	5.212	1.255	.	.	.	.	.	.	.	.	12.335
B	0	2.856	8.404	14.925	13.161	19.042	19.751	19.454	17.638	10.042	9.035	1.093	1.247	18.667	155.313
H	.	0.724	1.901	1.057	2.606	3.625	.	0.952	.	.	.	.	.	.	10.865
PA	0	.	.	.	.	.	.	.	.	.	.	.	.	.	0.000
PL	0	2.994	13.581	12.709	11.034	5.598	1.581	0.636	0.628	.	.	.	.	.	48.760
S	0	1.590	3.728	12.433	6.707	5.910	5.447	3.531	5.211	5.255	2.885	1.177	3.936	1.538	59.348
Subtotal	0	8.921	36.307	50.573	39.348	37.930	27.533	24.573	23.909	15.297	11.920	2.270	5.184	20.205	303.969

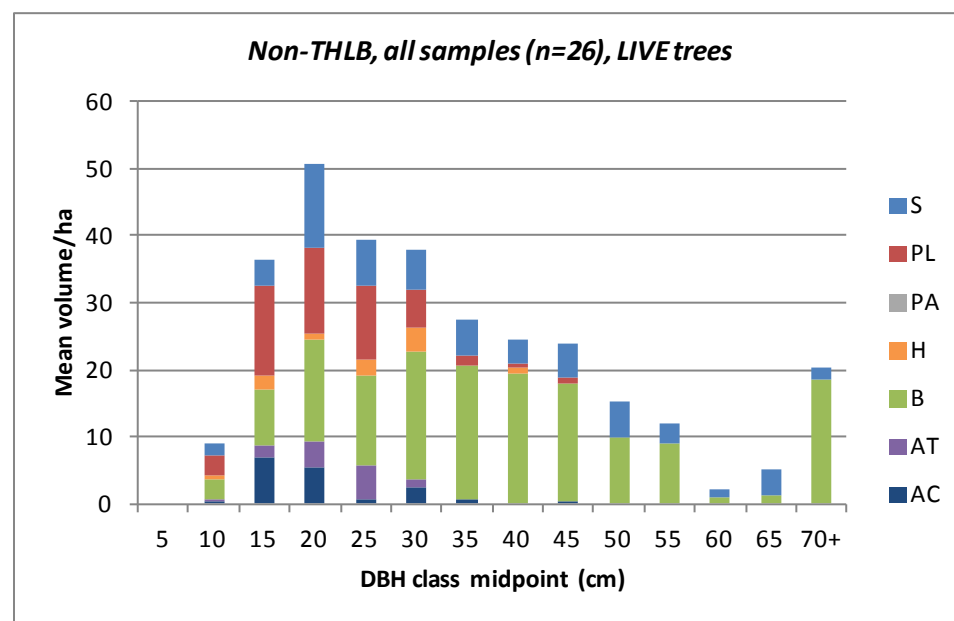
**Figure 9b: Mean volume/ha by DBH class and species for non-THLB, all samples (n=26), LIVE trees.**

Table 10a: Non-THLB, all samples (n=26), DEAD trees

Stand Table: Distribution of Mean Trees/ha by DBH class															
Species	DBH Class (cm), by class midpoint														Subtotal
	5	10	15	20	25	30	35	40	45	50	55	60	65	70+	
AC	75.1	37.5	.	.	.	.	.	.	.	.	.	.	.	.	112.6
AT	.	7.6	.	.	.	.	.	.	.	.	.	.	.	.	7.6
B	19.3	14.9	17.4	11.1	19.9	14.5	14.7	12.7	3.8	3.3	.	0.7	.	0.5	132.7
F	.	.	12.5	7.8	6.3	.	0.9	.	.	.	.	.	.	.	27.5
PA	.	.	.	.	.	.	.	1.2	.	.	.	.	.	.	1.2
PL	.	46.4	30.8	32.8	21.1	32.1	7.0	3.9	0.7	.	0.3	.	.	.	175.1
S	32.3	10.6	5.6	4.4	.	.	0.9	.	.	1.1	0.5	.	.	.	55.3
Subtotal	126.7	116.9	66.3	56.1	47.3	46.7	23.5	17.8	4.5	4.4	0.8	0.7	0.0	0.5	512.1

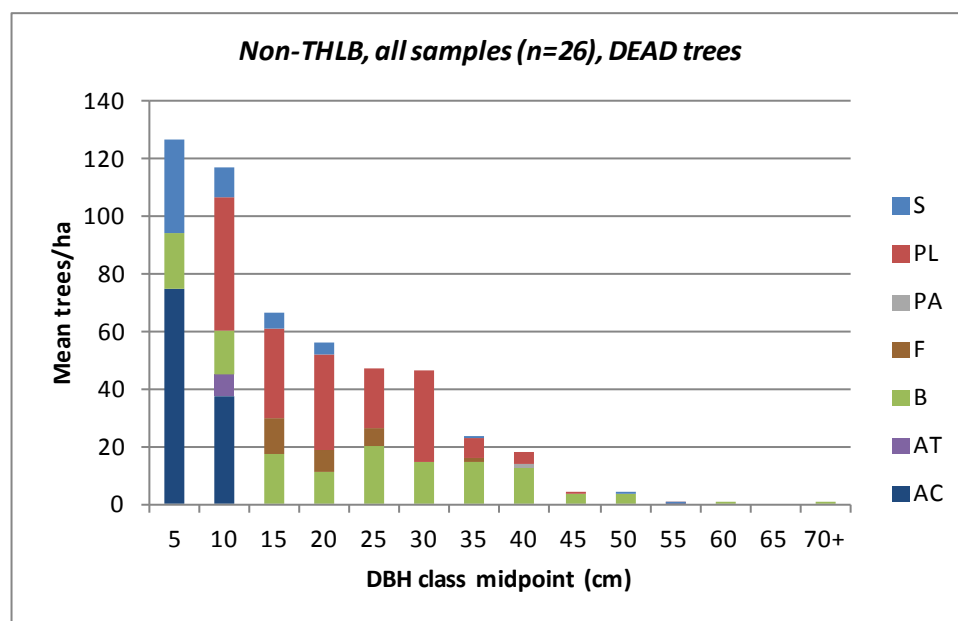
**Figure 10a: Mean trees/ha by DBH class and species for non-THLB, all samples (n=26), DEAD trees.**

Table 10b: Non-THLB, all samples (n=26), DEAD trees

Stock Table: Distribution of Mean Volume/ha (m³/ha) by DBH class															
Species	DBH Class (cm), by class midpoint														Subtotal
	5	10	15	20	25	30	35	40	45	50	55	60	65	70+	
AC	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
AT		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
B	0	0.000	1.634	1.329	4.238	5.155	7.176	9.579	3.690	4.444	.	1.220	.	1.002	39.467
F	0	0.000	0.536	1.181	1.268	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.985
PA	0	0.000	0.000	0.000	0.000	0.000	0.000	0.733	0.000	0.000	0.000	0.000	0.000	0.000	0.733
PL	0	0.701	2.966	7.271	7.919	17.386	6.446	5.200	1.249	0.000	0.844	0.000	0.000	0.000	49.981
S	0	0.119	0.303	0.594	0.000	0.000	0.679	0.000	0.000	1.028	0.775	0.000	0.000	0.000	3.498
Subtotal	0	0.820	5.439	10.375	13.424	22.542	14.301	15.513	4.939	5.472	1.619	1.220	0.000	1.002	96.664

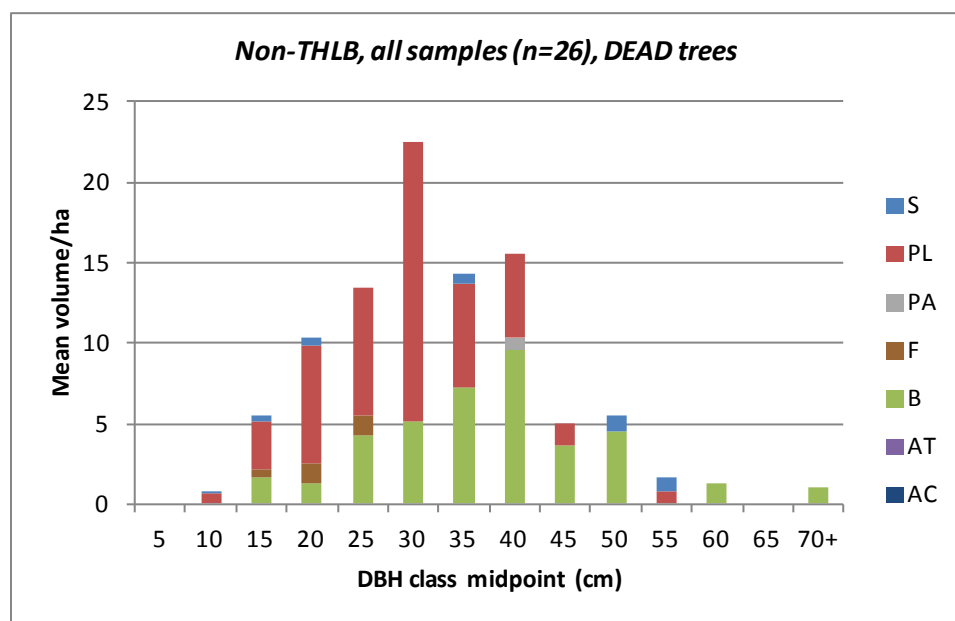
**Figure 10b: Mean volume/ha by DBH class and species for non-THLB, all samples (n=26), DEAD trees.**

Table 11a: THLB, mature samples (>51 years of age), LIVE trees

Stand Table: Distribution of Mean Trees/ha by DBH class															
Species	DBH Class (cm), by class midpoint														Subtotal
	5	10	15	20	25	30	35	40	45	50	55	60	65	70+	
AC	.	.	.	.	.	.	.	.	0.4	0.6	.	.	.	.	1.0
AT	15.8	14.6	4.3	3.8	.	.	0.9	.	.	.	.	.	.	.	39.4
B	529.2	245.9	91.0	57.5	45.1	25.4	12.9	6.4	7.2	5.9	0.4	1.2	0.3	0.5	1028.9
H	.	.	5.5	4.3	.	.	.	.	.	.	.	.	.	.	9.9
PL	18.5	94.5	101.1	39.2	10.9	7.7	0.6	1.4	.	.	.	.	.	.	273.8
S	68.4	7.7	29.2	11.9	13.4	12.4	10.3	6.8	4.0	1.1	0.3	0.3	0.3	0.4	166.7
Subtotal	631.9	362.7	231.1	116.8	69.4	45.5	24.7	14.6	11.6	7.7	0.7	1.4	0.6	1.0	1519.7

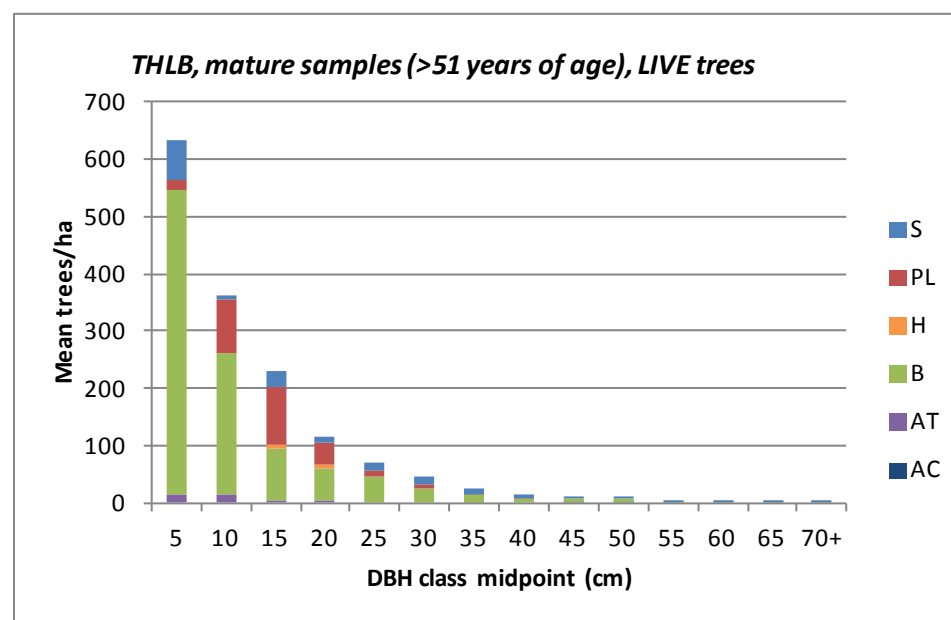
**Figure 11a: Mean trees/ha by DBH class and species for THLB, mature samples (>51 years of age), LIVE trees.**

Table 11b: THLB, mature samples (>51 years of age), LIVE trees

Stock Table: Distribution of Mean Volume/ha (m³/ha) by DBH class															
Species	DBH Class (cm), by class midpoint														Subtotal
	5	10	15	20	25	30	35	40	45	50	55	60	65	70+	
AC	.	.	.	.	.	.	.	.	0.357	0.853	.	.	.	.	1.210
AT	0.000	0.251	0.265	0.667	.	.	0.809	.	.	.	.	.	.	.	1.992
B	0.000	2.511	6.205	9.244	13.486	13.018	9.137	6.452	9.868	11.024	0.798	3.408	1.144	2.758	89.052
H	.	.	0.313	0.318	.	.	.	.	.	.	.	.	.	.	0.631
PL	0.000	1.376	8.452	8.280	3.996	4.634	0.402	1.599	.	.	.	.	.	.	28.738
S	0.000	0.000	2.383	1.926	4.199	6.121	9.231	8.086	7.223	2.324	1.008	1.084	1.199	2.188	46.973
Subtotal	0.000	4.138	17.618	20.435	21.681	23.773	19.579	16.137	17.448	14.201	1.806	4.492	2.343	4.946	168.596

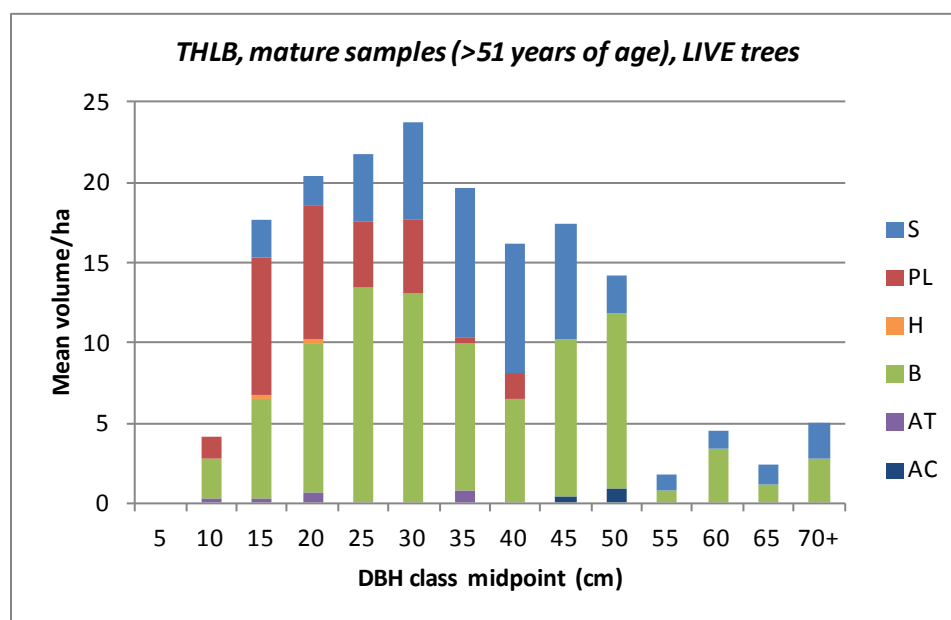
**Figure 11b: Mean volume/ha by DBH class and species for THLB, mature samples (>51 years of age), LIVE trees.**

Table 12a: THLB, mature samples (>51 years of age), DEAD trees

Stand Table: Distribution of Mean Trees/ha by DBH class															
Species	DBH Class (cm), by class midpoint														Subtotal
	5	10	15	20	25	30	35	40	45	50	55	60	65	70+	
AT	.	.	4.3	.	.	.	0.8	.	.	.	.	.	.	.	5.1
B	.	24.9	21.2	21.6	26.9	7.7	18.4	4.1	8.4	3.2	0.7	0.5	0.3	0.2	138.3
F	.	4.2	.	3.4	.	2.3	.	.	0.5	.	.	.	.	.	10.4
PL	.	36.0	29.7	38.7	41.8	33.5	18.5	13.6	5.0	1.6	0.4	.	.	.	218.7
S	.	12.1	.	0.9	.	0.6	1.9	0.5	.	1.1	0.3	0.6	.	.	17.9
Subtotal	0.0	77.2	55.3	64.6	68.7	44.1	39.6	18.2	14.0	5.8	1.4	1.1	0.3	0.2	390.4

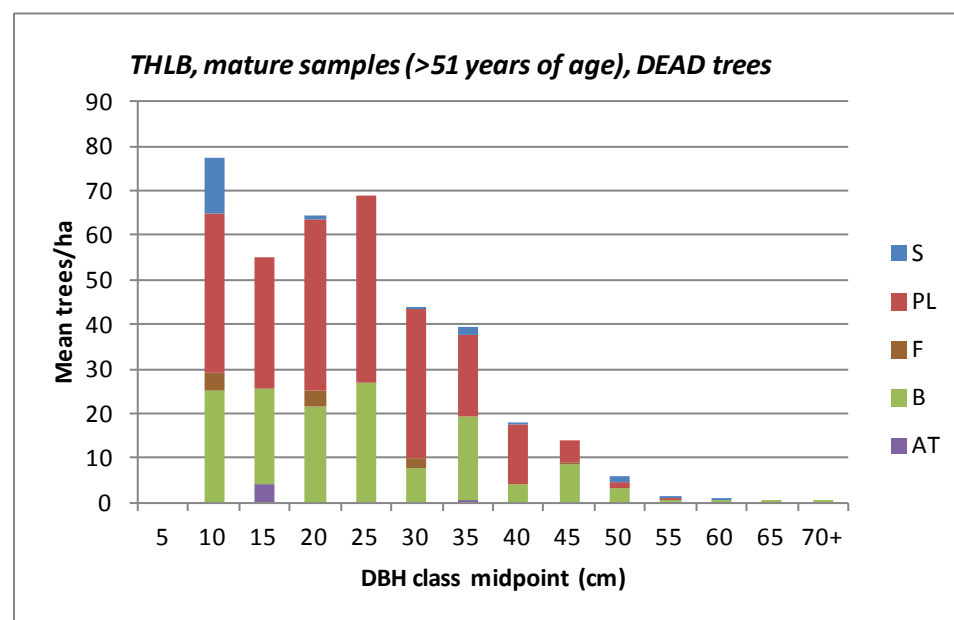
**Figure 12a: Mean trees/ha by DBH class and species for THLB, mature samples (>51 years of age), DEAD trees.**

Table 12b: THLB, mature samples (>51 years of age), DEAD trees

Stock Table: Distribution of Mean Volume/ha (m³/ha) by DBH class															
Species	DBH Class (cm), by class midpoint														Subtotal
	5	10	15	20	25	30	35	40	45	50	55	60	65	70+	
AT	.	.	0.084	.	.	.	0.049	.	.	.	.	.	.	.	0.133
B	.	0.313	1.139	2.753	6.870	2.645	11.152	2.932	9.237	3.834	1.064	1.217	0.895	0.598	44.651
F	.	0.000	.	0.000	.	0.000	.	.	0.000	.	.	.	.	.	0.000
PL	.	0.298	2.365	8.388	16.538	19.198	16.781	15.683	7.793	3.387	0.922	.	.	.	91.353
S	.	0.000	.	0.213	.	0.386	1.293	0.881	.	1.724	0.604	1.870	.	.	6.971
Subtotal	0.000	0.611	3.588	11.354	23.407	22.228	29.275	19.496	17.030	8.945	2.591	3.088	0.895	0.598	143.107

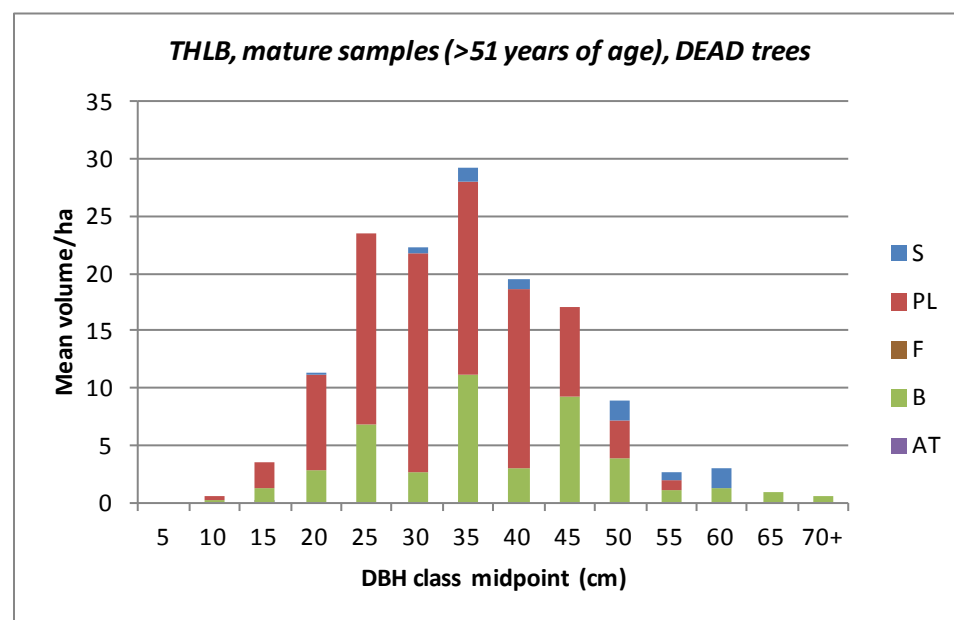
**Figure 12b: Mean volume/ha by DBH class and species for THLB, mature samples (>51 years of age), DEAD trees.**

Table 13a: Non-THLB, mature samples (>51 years of age), LIVE trees

Stand Table: Distribution of Mean Trees/ha by DBH class															
Species	DBH Class (cm), by class midpoint														Subtotal
	5	10	15	20	25	30	35	40	45	50	55	60	65	70+	
AC	.	.	3.2	.	2.4	.	1.3	.	0.4	.	.	.	.	.	7.4
AT	.	5.0	18.6	21.2	16.7	2.2	.	.	.	.	.	.	.	.	63.7
B	258.4	236.9	115.4	76.5	37.6	33.2	25.7	18.9	13.9	5.9	4.3	0.4	0.3	3.0	830.4
H	.	158.3	43.1	11.6	13.2	12.0	.	1.4	.	.	.	.	.	.	239.5
PL	.	22.0	6.5	30.6	27.9	9.9	1.9	0.6	0.4	.	.	.	.	.	99.7
S	77.0	83.4	46.8	68.7	19.3	10.7	6.4	2.9	3.2	2.4	1.0	0.4	0.8	0.2	323.2
Subtotal	335.4	505.6	233.6	208.6	117.1	68.0	35.3	23.9	17.9	8.3	5.2	0.8	1.1	3.2	1564.0

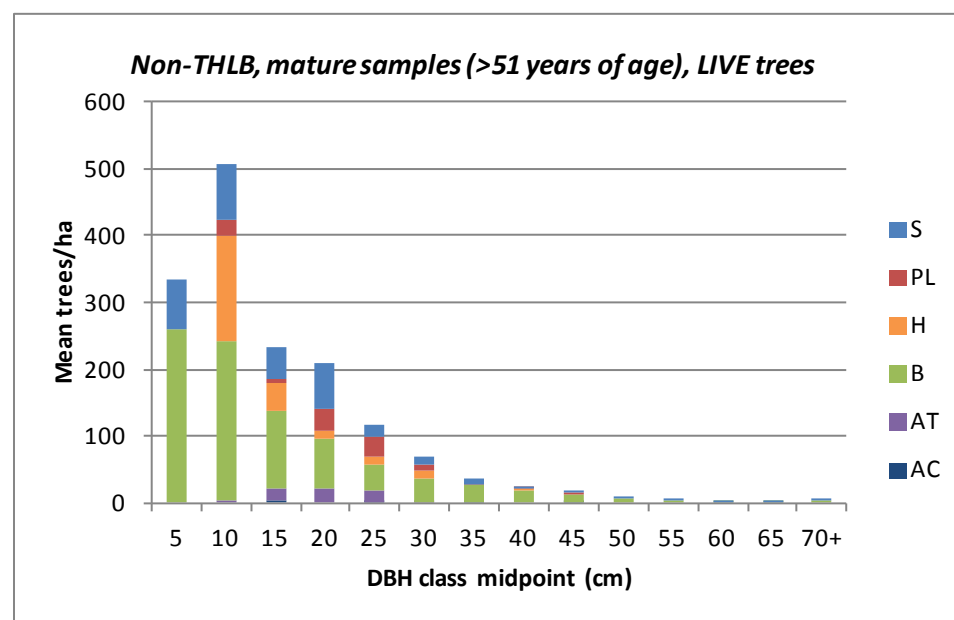
**Figure 13a: Mean trees/ha by DBH class and species for non-THLB, mature samples (>51 years of age), LIVE trees.**

Table 13b: Non-THLB, mature samples (>51 years of age), LIVE trees

Stock Table: Distribution of Mean Volume/ha (m³/ha) by DBH class															
Species	DBH Class (cm), by class midpoint														Subtotal
	5	10	15	20	25	30	35	40	45	50	55	60	65	70+	
AC	.	.	0.300	.	0.629	.	0.755	.	0.433	.	.	.	.	.	2.117
AT	.	0.248	1.721	3.899	5.212	1.255	.	.	.	.	.	.	.	.	12.335
B	0.000	2.846	7.661	12.017	9.902	16.388	19.751	19.454	17.638	10.042	9.035	1.093	1.247	18.667	145.740
H	.	0.724	1.807	1.057	2.606	3.625	.	0.952	.	.	.	.	.	.	10.771
PL	.	1.191	1.201	6.636	11.034	5.598	1.581	0.636	0.628	.	.	.	.	.	28.504
S	0.000	1.498	3.728	12.433	6.707	5.910	5.447	3.531	5.211	5.255	2.885	1.177	3.936	1.538	59.256
Subtotal	0.000	6.507	16.418	36.042	36.090	32.776	27.533	24.573	23.909	15.297	11.920	2.270	5.184	20.205	258.723

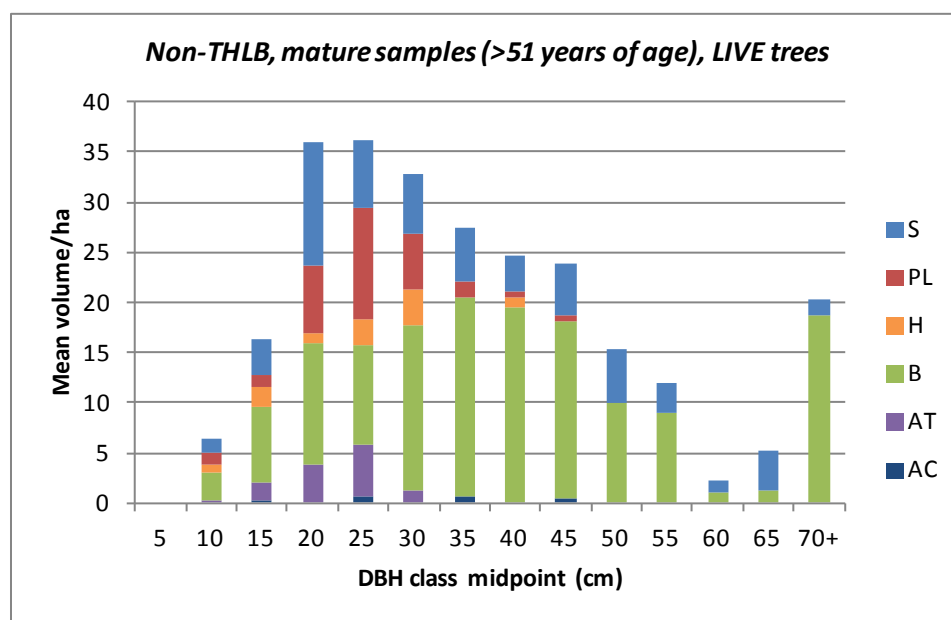
**Figure 13b: Mean volume/ha by DBH class and species for non-THLB, mature samples (>51 years of age), LIVE trees.**

Table 14a: Non-THLB, mature samples (>51 years of age), DEAD trees

Stand Table: Distribution of Mean Trees/ha by DBH class															
Species	DBH Class (cm), by class midpoint														Subtotal
	5	10	15	20	25	30	35	40	45	50	55	60	65	70+	
AT	.	7.6	.	.	.	.	.	.	.	.	.	.	.	.	7.6
B	19.3	14.9	17.4	11.1	19.9	14.5	8.5	12.7	3.8	3.3	.	0.7	.	0.5	126.5
F	.	.	.	1.6	.	.	0.9	.	.	.	.	.	.	.	2.5
PA	.	.	.	.	.	.	.	1.2	.	.	.	.	.	.	1.2
PL	.	40.1	30.8	26.5	21.1	19.6	7.0	3.9	0.7	.	0.3	.	.	.	150.1
S	32.3	10.6	5.6	4.4	.	.	0.9	.	.	1.1	0.5	.	.	.	55.3
Subtotal	51.6	73.1	53.8	43.6	41.0	34.2	17.3	17.8	4.5	4.4	0.8	0.7	0.0	0.5	343.2

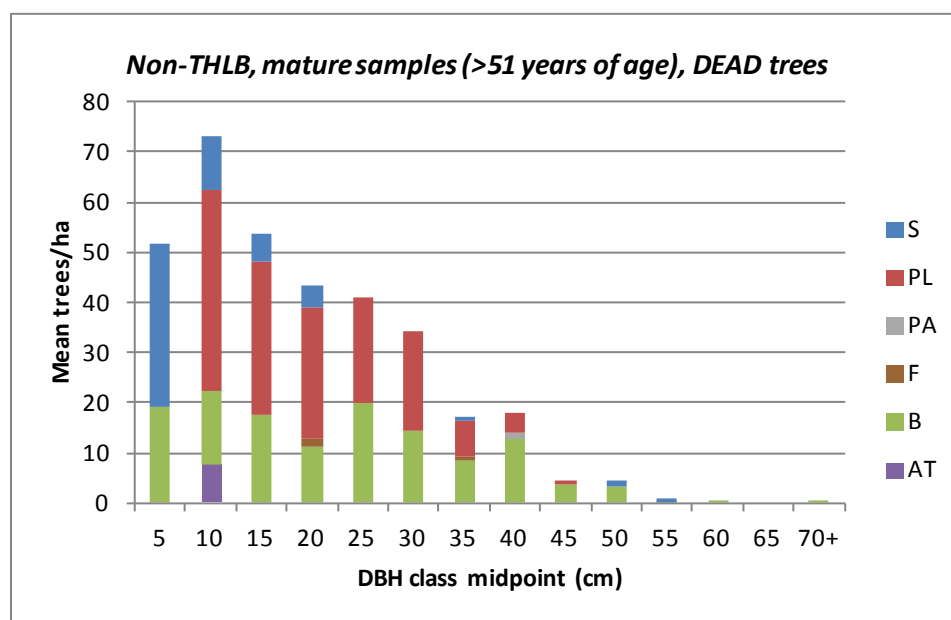
**Figure 14a: Mean trees/ha by DBH class and species for non-THLB, mature samples (>51 years of age), DEAD trees.**

Table 14b: Non-THLB, mature samples (>51 years of age), DEAD trees

Stock Table: Distribution of Mean Volume/ha (m³/ha) by DBH class															
Species	DBH Class (cm), by class midpoint														Subtotal
	5	10	15	20	25	30	35	40	45	50	55	60	65	70+	
AT	.	0.000	.	.	.	.	.	.	.	.	.	.	.	.	0.000
B	0.000	0.000	1.634	1.329	4.238	5.155	4.450	9.579	3.690	4.444	.	1.220	.	1.002	36.742
F	.	.	.	0.000	.	.	0.000	.	.	.	.	.	.	.	0.000
PA	.	.	.	.	.	.	.	0.733	.	.	.	.	.	.	0.733
PL	.	0.701	2.966	5.694	7.919	11.290	6.446	5.200	1.249	.	0.844	.	.	.	42.308
S	0.000	0.119	0.303	0.594	.	.	0.679	.	.	1.028	0.775	.	.	.	3.498
Subtotal	0.000	0.820	4.903	7.617	12.156	16.446	11.575	15.513	4.939	5.472	1.619	1.220	0.000	1.002	83.281

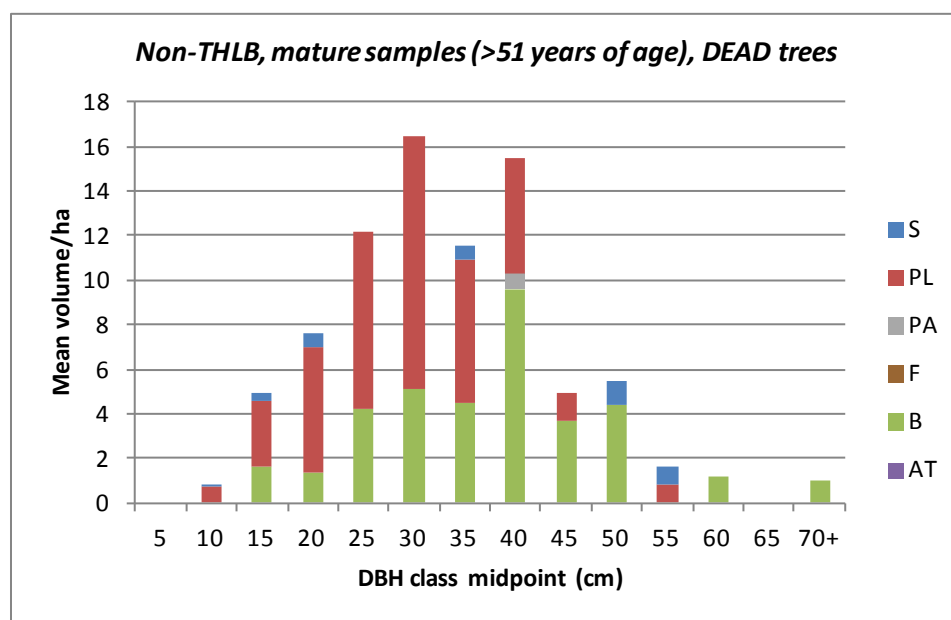
**Figure 14b: Mean volume/ha by DBH class and species for non-THLB, mature samples (>51 years of age), DEAD trees.**

Table 15a: THLB, immature stratum, all samples (15-51 years of age), LIVE trees

Stand Table: Distribution of Mean Trees/ha by DBH class															
Species	DBH Class (cm), by class midpoint														Subtotal
	5	10	15	20	25	30	35	40	45	50	55	60	65	70+	
AC	21.8	16.3	4.4	1.6	0.5	.	.	.	0.5	.	.	.	.	.	45.1
AT	39.2	43.0	13.6	1.1	.	.	.	.	.	.	.	.	.	.	96.8
B	141.4	115.8	25.6	3.8	0.5	1.1	0.5	1.1	1.1	0.5	.	0.5	0.5	.	292.6
PL	154.5	499.2	300.2	102.2	7.1	0.5	.	.	.	.	.	.	.	.	1063.8
S	187.1	158.8	85.4	28.8	4.4	1.6	.	.	.	.	.	.	.	.	466.1
Subtotal	543.8	833.2	429.1	137.6	12.5	3.3	0.5	1.1	1.6	0.5	0.0	0.5	0.5	0.0	1964.4

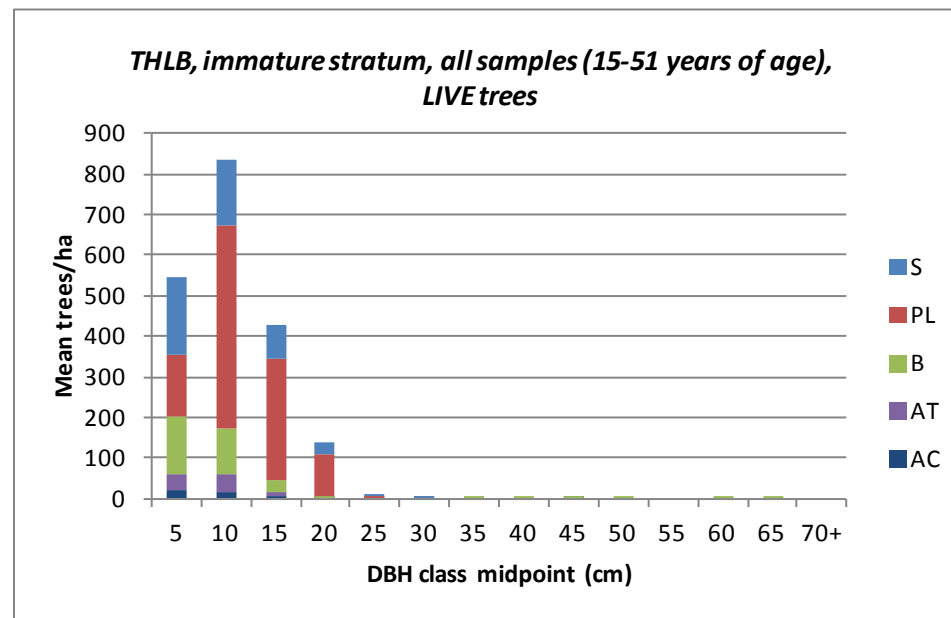
**Figure 15a: Mean trees/ha by DBH class and species for THLB, immature, all samples (15-51 years of age), LIVE trees.**

Table 15b: THLB, immature stratum, all samples (15-51 years of age), LIVE trees

Stock Table: Distribution of Mean Volume/ha (m^3/ha) by DBH class															
Species	DBH Class (cm), by class midpoint														Subtotal
	5	10	15	20	25	30	35	40	45	50	55	60	65	70+	
AC	0.000	0.013	0.212	0.183	0.127	.	.	.	0.443	.	.	.	.	.	0.978
AT	0.000	0.188	0.813	0.175	.	.	.	.	.	.	.	.	.	.	1.176
B	0.000	0.392	1.161	0.608	0.178	0.464	0.276	1.137	1.315	0.699	.	1.035	1.357	.	8.621
PL	0.000	2.741	16.720	12.397	1.563	0.207	.	.	.	.	.	.	.	.	33.628
S	0.000	0.432	4.516	3.186	1.025	0.591	.	.	.	.	.	.	.	.	9.750
Subtotal	0.000	3.766	23.422	16.549	2.892	1.261	0.276	1.137	1.758	0.699	0.000	1.035	1.357	0.000	54.152

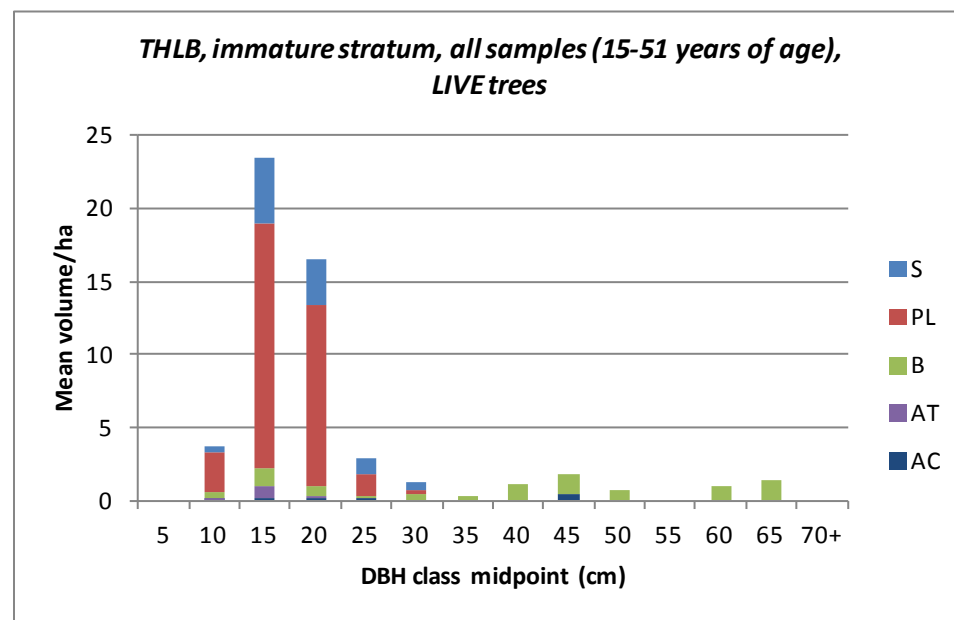
**Figure 15b: Mean volume/ha by DBH class and species for THLB, immature, all samples (15-51 years of age), LIVE trees.**

Table 16a: THLB, immature stratum, all samples (15-51 years of age), DEAD trees

Stand Table: Distribution of Mean Trees/ha by DBH class															
Species	DBH Class (cm), by class midpoint														Subtotal
	5	10	15	20	25	30	35	40	45	50	55	60	65	70+	
AC	2.2	.	.	.	.	.	.	.	.	.	.	.	.	.	2.2
B	4.4	0.5	1.1	.	.	.	.	.	.	.	.	.	.	.	6.0
F	2.2	0.5	5.4	3.8	2.2	2.7	.	.	.	.	.	.	.	.	16.9
PL	8.7	16.3	1.1	0.5	1.6	.	1.1	.	.	.	.	.	.	.	29.4
S	.	0.5	.	.	.	.	.	.	.	.	.	.	.	.	0.5
Subtotal	17.4	17.9	7.6	4.4	3.8	2.7	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	54.9

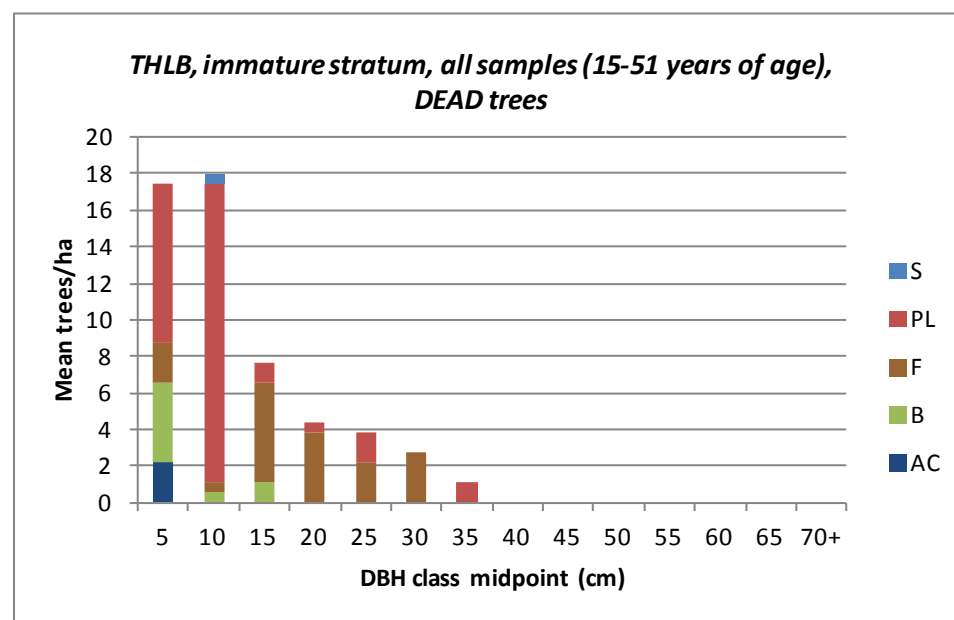
**Figure 16a: Mean trees/ha by DBH class and species for THLB, immature, all samples (15-51 years of age), DEAD trees.**

Table 16b: THLB, immature stratum, all samples (15-51 years of age), DEAD trees

Stock Table: Distribution of Mean Volume/ha (m^3/ha) by DBH class															
Species	DBH Class (cm), by class midpoint														Subtotal
	5	10	15	20	25	30	35	40	45	50	55	60	65	70+	
AC	0.000	.	.	.	.	.	.	.	.	.	.	.	.	.	0.000
B	0.000	0.001	0.033	.	.	.	.	.	.	.	.	.	.	.	0.034
F	0.000	0.005	0.293	0.582	0.530	0.622	.	.	.	.	.	.	.	.	2.031
PL	0.000	0.028	0.079	0.053	0.543	.	0.797	.	.	.	.	.	.	.	1.500
S	.	0.001	.	.	.	.	.	.	.	.	.	.	.	.	0.001
Subtotal	0.000	0.035	0.405	0.635	1.073	0.622	0.797	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.566

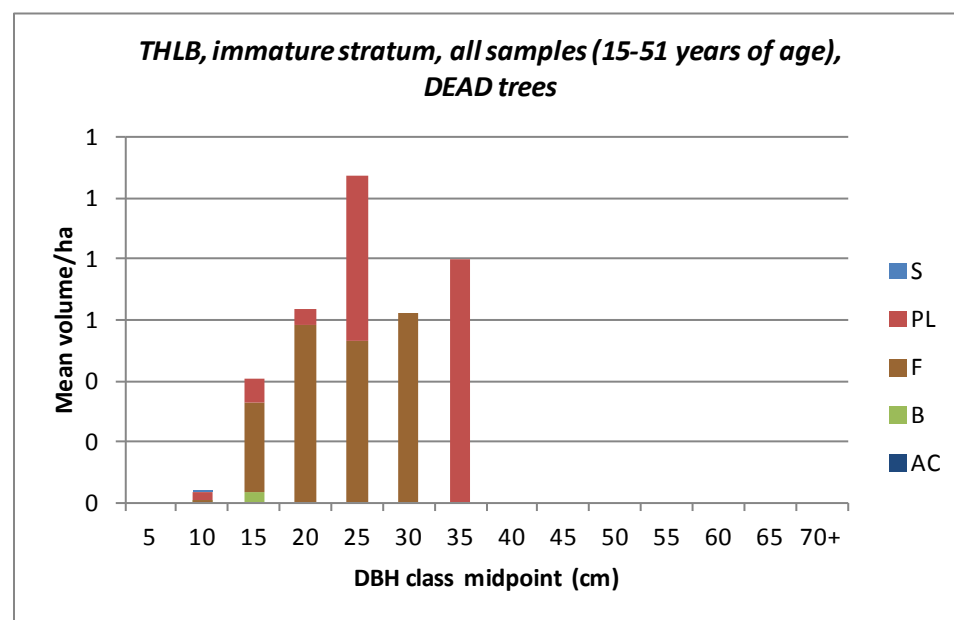
**Figure 16b: Mean volume/ha by DBH class and species for THLB, immature, all samples (15-51 years of age), DEAD trees.**

Table 17a: Non-THLB, immature stratum, all samples (15-51 years of age), LIVE trees

Stand Table: Distribution of Mean Trees/ha by DBH class															
Species	DBH Class (cm), by class midpoint														Subtotal
	5	10	15	20	25	30	35	40	45	50	55	60	65	70+	
AC	75.1	200.1	112.6	31.3	.	6.3	.	.	.	.	.	.	.	.	425.3
B	125.1	18.8	25.0	37.5	25.0	12.5	.	.	.	.	.	.	.	.	243.9
H	.	.	6.3	.	.	.	.	.	.	.	.	.	.	.	6.3
PA	25.0	.	.	.	.	.	.	.	.	.	.	.	.	.	25.0
PL	100.1	412.8	268.9	50.0	.	.	.	.	.	.	.	.	.	.	831.8
S	250.2	12.5	.	.	.	.	.	.	.	.	.	.	.	.	262.7
Subtotal	575.4	644.2	412.8	118.8	25.0	18.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1795.0

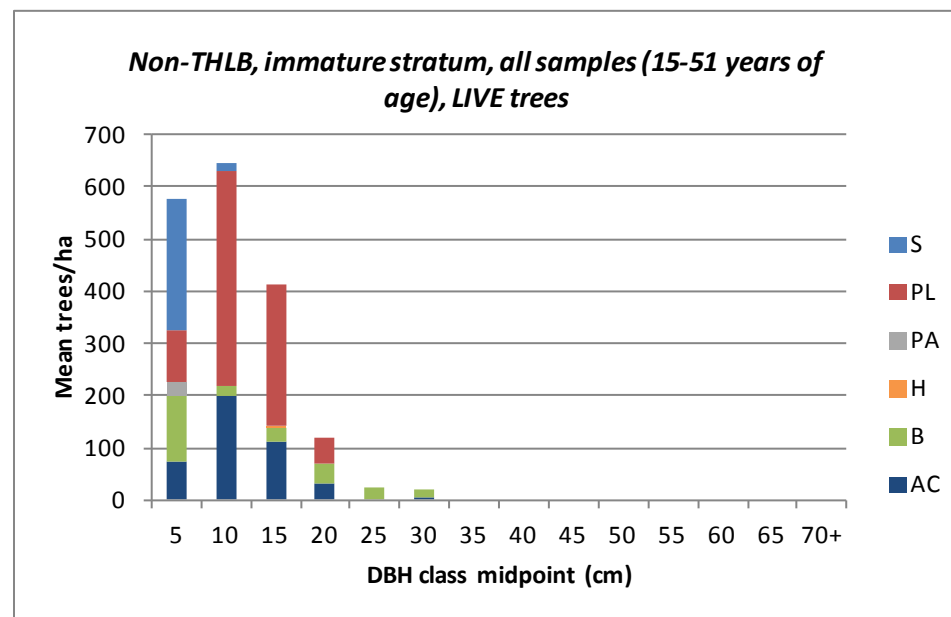
**Figure 17a: Mean trees/ha by DBH class and species for non-THLB, immature, all samples (15-51 years of age), LIVE trees.**

Table 17b: Non-THLB, immature stratum, all samples (15-51 years of age), LIVE trees

Stock Table: Distribution of Mean Volume/ha (m³/ha) by DBH class															
Species	DBH Class (cm), by class midpoint														Subtotal
	5	10	15	20	25	30	35	40	45	50	55	60	65	70+	
AC	0.000	0.509	6.672	5.550	.	2.500	.	.	.	.	.	.	.	.	15.231
B	0.000	0.010	0.743	2.908	3.259	2.654	.	.	.	.	.	.	.	.	9.574
H	.	.	0.094	.	.	.	.	.	.	.	.	.	.	.	0.094
PA	0.000	.	.	.	.	.	.	.	.	.	.	.	.	.	0.000
PL	0.000	1.802	12.380	6.073	.	.	.	.	.	.	.	.	.	.	20.255
S	0.000	0.092	.	.	.	.	.	.	.	.	.	.	.	.	0.092
Subtotal	0.000	2.413	19.889	14.531	3.259	5.154	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	45.246

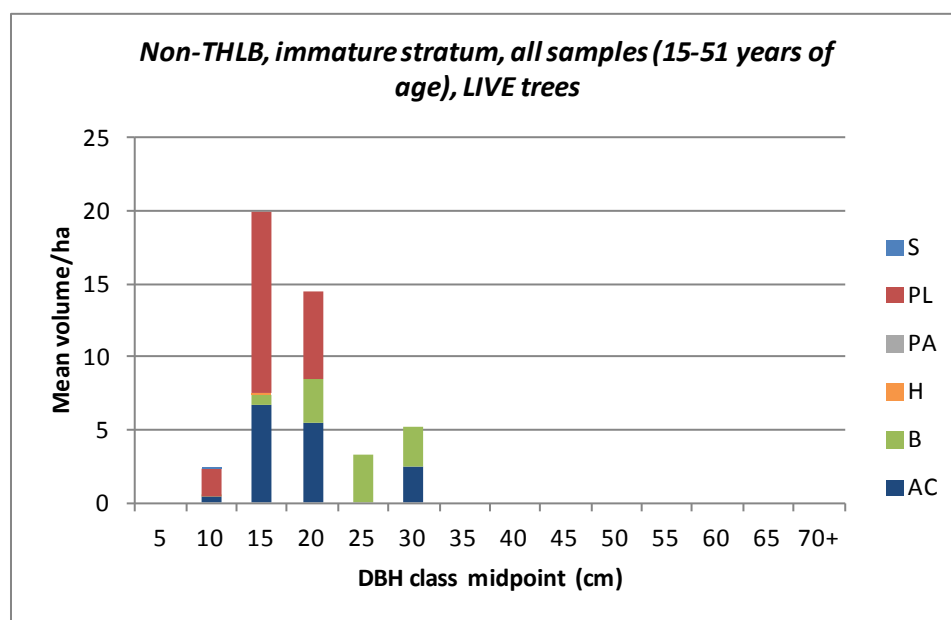
**Figure 17b: Mean volume/ha by DBH class and species for non-THLB, immature, all samples (15-51 years of age), LIVE trees.**

Table 18a: Non-THLB, immature stratum, all samples (15-51 years of age), DEAD trees

Stand Table: Distribution of Mean Trees/ha by DBH class															
Species	DBH Class (cm), by class midpoint														Subtotal
	5	10	15	20	25	30	35	40	45	50	55	60	65	70+	
AC	75.1	37.5	.	.	.	.	.	.	.	.	.	.	.	.	112.6
B	.	.	.	.	.	.	6.3	.	.	.	.	.	.	.	6.3
F	.	.	12.5	6.3	6.3	.	.	.	.	.	.	.	.	.	25.0
PL	.	6.3	.	6.3	.	12.5	.	.	.	.	.	.	.	.	25.0
Subtotal	75.1	43.8	12.5	12.5	6.3	12.5	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	168.9

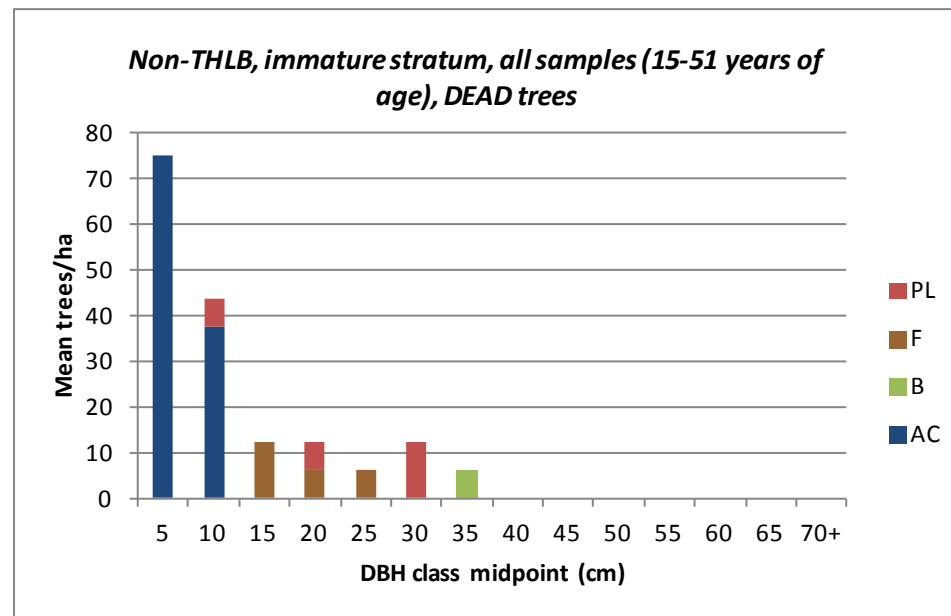
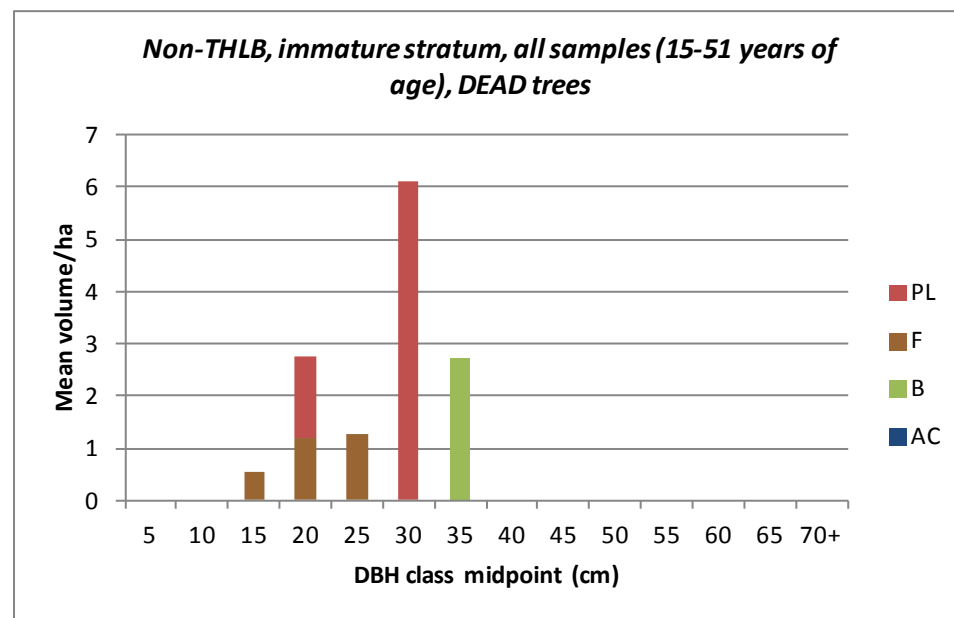
**Figure 18a: Mean trees/ha by DBH class and species for non-THLB, immature, all samples (15-51 years of age), DEAD trees.**

Table 18b: Non-THLB, immature stratum, all samples (15-51 years of age), DEAD trees

Stock Table: Distribution of Mean Volume/ha (m³/ha) by DBH class															
Species	DBH Class (cm), by class midpoint														Subtotal
	5	10	15	20	25	30	35	40	45	50	55	60	65	70+	
AC	0.000	0.000	.	.	.	.	.	.	.	.	.	.	.	.	0.000
B	.	.	.	.	.	.	2.726	.	.	.	.	.	.	.	2.726
F	.	.	0.536	1.181	1.268	.	.	.	.	.	.	.	.	.	2.985
PL	.	0.000	.	1.576	.	6.096	.	.	.	.	.	.	.	.	7.672
Subtotal	0.000	0.000	0.536	2.757	1.268	6.096	2.726	0.000	0.000	0.000	0.000	0.000	0.000	0.000	13.383

**Figure 18b: Mean volume/ha by DBH class and species for non-THLB, immature, all samples (15-51 years of age), DEAD trees.**

