Table 8. -- Stump diameter regression coefficients, outside and inside bark, for tree species of the Lake States (from Raile 1982) (See text for explanation of equation use)											
	Stump volume	Number	D.b.h. (inches)		Outside bark			Inside bark			
Species group	equation code	of trees	Min.	Max.	B	R^2	SE[a]	A	B	R^2	SE[a]
Eastern white pine	125	53	6.2	33.0	0.11694	0.89	1.2	0.91385	0.11182	0.86	1.2
Red pine	129	228	3.4	23.0	0.08091	0.91	0.5	0.90698	0.08469	0.87	0.7
Jack pine	105	579	3.4	19.4	0.08076	0.87	0.5	0.90973	0.07926	0.84	0.6
White spruce	94	34	5.1	18.0	0.16903	0.86	1.2	0.95487	0.15664	0.83	1.2
Black spruce	95	103	3.6	17.9	0.12147	0.73	0.9	0.94122	0.11781	0.69	1.0
Balsam fir	12	119	4.3	15.4	0.15359	0.89	0.8	0.93793	0.14553	0.87	0.9
Hemlock	261	57	5.8	29.0	0.12667	0.85	1.3	0.91400	0.11975	0.79	1.4
Northern white-cedar	241	14	4.8	13.3	0.18850	0.89	0.9	0.94698	0.18702	0.86	1.0
White oaks	802	61	4.2	26.0	0.14872	0.84	1.3	0.91130	0.14907	0.83	1.4
Red oaks	833	214	2.5	28.7	0.12798	0.83	1.2	0.92267	0.12506	0.81	1.3
Beech	531	29	4.5	24.3	0.15113	0.79	1.8	0.96731	0.14082	0.79	1.6
Yellow birch	371	41	7.5	28.1	0.15350	0.78	2.0	0.94423	0.14335	0.80	1.7
Hard maples	318	132	2.3	31.3	0.12111	0.76	1.6	0.93818	0.11424	0.75	1.5
Soft maples	316	74	2.5	20.8	0.11585	0.77	1.2	0.94181	0.10740	0.73	1.2
White/ green ash	541	37	7.3	24.7	0.12766	0.75	1.5	0.91979	0.12152	0.72	1.6
Black ash	543	15	7.9	17.5	0.17376	0.93	0.9	0.93502	0.17071	0.94	0.8
Paper birch	375	178	3.2	22.4	0.11655	0.77	1.0	0.93763	0.10640	0.75	0.9
Bigtooth aspen	743	204	4.0	15.6	0.06834	0.82	0.5	0.91625	0.06478	0.71	0.7
Quaking aspen	746	678	2.9	20.5	0.09658	0.83	0.8	0.91882	0.08593	0.78	0.8
Basswood	950	38	6.4	26.7	0.14413	0.86	1.4	0.92442	0.14240	0.87	1.3
Cottonwood	740	7	12.8	27.8	0.17123	0.85	2.1	0.92736	0.17626	0.85	2.2
Elms	970	80	7.0	30.5	0.16638	0.84	1.6	0.93257	0.15803	0.82	1.6
[a]Inches.											