

Results of testing specimens 1 and 2 cut out of Red Pine Beam XXXI, and of repeatedly loading Specimens 2 and 3 cut out of same Beam. (Fig. 121b.)

Measurements taken by Extensometer.									
	1	2	3	4	5	6	7	8	9
Total length in ft.	100	6	0	0	0	0	0	0	0
Length in ft.	200	75	59	415	351	322	329	310	236
Width in ft.	40	215	235	478	571	213	489	518	729
Height in ft.	600	600	600	604	736	645	713	657	725
Length in ft.	1,000	1,000	1,000	934	1,065	571	867	1,067	1,113
Width in ft.	1,000	1,000	1,000	949	1,229	689	1,087	1,102	1,113
Height in ft.	1,000	1,000	1,000	928	1,245	825	1,087	1,102	1,113
Length in ft.	1,000	1,000	1,000	928	1,245	825	1,087	1,102	1,113
Width in ft.	1,000	1,000	1,000	928	1,245	825	1,087	1,102	1,113
Height in ft.	1,000	1,000	1,000	928	1,245	825	1,087	1,102	1,113
Total weight in lbs.	8,160	6,928	4,620	7,910	5,562	4,440	5,562	4,440	3,200
Break. wt. in lbs. per sq. in.	11,825	9,378	6,274	10,889	8,090	6,900	8,090	6,900	4,508
Coefficient of elasticity miles.	1,300,200	1,121,900	1,257,500	2,158,800	1,452,200	1,000,000	1,452,200	1,000,000	1,053,100