

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	2	1	2	3
100	0	0	0	0	0	0
200	77	65	117	66	92	71
300	215	225	331	190	290	226
400	349	478	571	313	489	339
500	800	664	795	684	713	501
1,000	854	1,005	1,067	571	639	535
1,200	788	1,019	1,229	699	1,087	547
1,400	928	1,245	1,402	828	1,113	552
1,600	1,067			956		
1,800				1,084		
Total load, lbs.	8,400	6,928	4,620	7,916	5,552	6,790
Break g. wt. in lbs. per sq. in.	11,825	9,378	6,271	10,889	8,090	9,208
Coefficient of elasticity in lbs.	1,900,200	1,421,900	1,237,500	2,138,800	1,452,200	1,953,100