

Results of testing specimens cut out of White Pine Beam, and of repeatedly loading other specimens cut out of same beam (Fig. 131A.)
Specimen.

Measurements taken by												
3			7				8		6		5	
Extr.			Extensometer.				Extr.		Extensometer.		Extr.	
100	0	0	0	0	0	0	0	0	0	0	0	0
200	76	276	211	268	278	278	288	294	298	298	306	310
400	229	505	463	529	539	603	610	629	622	622	636	640
600	370	778	703	789	799	863	870	889	882	882	896	900
800	491	899	823	909	919	983	990	1009	1002	1002	1016	1020
1,000	718	1,126	1,039	1,125	1,135	1,199	1,206	1,225	1,225	1,225	1,239	1,243
1,200	914	1,299	1,069	1,083	1,093	1,109	1,118	1,125	1,125	1,125	1,139	1,143
1,400	1,082	1,409	1,089	1,093	1,093	1,109	1,118	1,125	1,125	1,125	1,139	1,143
1,600	1,209	1,536	1,209	1,213	1,213	1,229	1,238	1,245	1,245	1,245	1,259	1,263
1,800												
Total break- ing load in lbs.)			8,200				9,136		8,170		7,440	
Average load in lbs. per sq. in.			12,332				12,959		11,361		10,347	
Co. efficient of elasticity in lbs.)			1,835,100				1,759,000		1,651,500		1,611,000	