

**TABLE 10.** Comparison of growth over time by frequency ( $f/m^2$ ) from  $dm^2$  grid in natural understory *L. japonica* from a completely randomized design experiment (includes data from the randomized block experiment summarized in Table 9)

Characteristics	Treatments		
	1 year of growth	1.25 years of growth	control no treatment
No. $m^2$ plots	3	8	8
Original F. Data			
Standard deviation	34.1	25.7	4.2
Mean $f/m^2$	60.3	79.2	98.4
Duncan's 5% test	<hr/>		
Arc Sine Trans. Data			
Mean $f/m^2$	51.4	67.7	86.5
Duncan's 5% test	<hr/>		
Corrected means	61.1	85.6	99.6

Note: see Table 2 for note regarding Duncan's test.

Analysis of variance: Original data,  $F_{2/16 \text{ df}} = 3.977$ ; significant at 0.05; transformed data,  $F_{2/16 \text{ df}} = 5.964$ ; significant at 0.025.

Bartlett's:  $\chi^2_{2 \text{ df}} = 17.804$ ; significant variance beyond 0.001 (original) and 7.226; significant variance at 0.05 (transformed).

Biology: No real differences.