

TABLE 17. Comparison of 1 year of growth by frequency (f/m^2) from dm^2 grid in two habitats each for *L. japonica* and *H. helix* by a complete randomization design experiment

Characteristics	Species and Habitats			
	<i>L. japonica</i> natural understory	<i>H. helix</i> flood plain	<i>H. helix</i> upland	<i>L. japonica</i> cleared understory
No. m^2 plots	3	7	10	10
Original F. Data				
Standard deviation	34.1	28.1	14.8	0.7
Mean f/m^2	60.3	64.1	86.6	99.7
Duncan's 5% test				
Arc Sine Trans. Data				
Mean f/m^2	51.4	54.0	71.1	88.6
Duncan's 5% test				
Corrected mean	61.1	65.5	89.5	99.9

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

Analysis of variance, original data: $F_{3/26 \text{ df}} = 6.673$; significant at 0.005; transformed data: $F_{3/26 \text{ df}} = 12.901$; significant beyond 0.001.

Bartlett's: $\chi^2_{3 \text{ df}} = 56.557$ (original) and 20.772 (transformed); both are significant beyond 0.001.

Biology: Appears as Duncan's test shows.