

TABLE 18. Comparison of 1.25 years of growth by frequency (f/m²) from dm² grid in natural understory *L. japonica* and two habitats each of *H. helix* by a complete randomization design experiment

Characteristics	Species and Habitats		
	<i>H. helix</i> flood plain	<i>L. japonica</i> natural understory	<i>H. helix</i> upland
No. m ² plots	8	8	10
Original F. Data			
Standard deviation	24.6	25.7	6.6
Mean f/m ²	30.1	79.2	94.8
Duncan's 5% test	—	—	—
Arc Sine Trans. Data			
Mean f/m ²	30.8	67.7	80.5
Duncan's 10% test	—	—	—
Corrected mean	26.2	85.6	97.3

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

Analysis of variance, original data: $F_{2/23 \text{ df}} = 24.316$; significant beyond 0.001; transformed data: $F_{2/23 \text{ df}} = 21.765$; significant beyond 0.001.

Bartlett's $\chi^2_{2 \text{ df}} = 13.553$ (original), significant at 0.005; and 4.238 (transformed), not significant at 0.1.

Biology: As shown by Duncan's test (modified analysis of variance on original data).