

TABLE 12. Comparison of 1.25 years of growth with control (after the flood of Hurricane Agnes) by frequency (f/m^2) from dm^2 grid in flood-plain *H. helix* from a paired plot design experiment with eight replications

Characteristics	Treatments (July readings)	
	control	1.25 years of growth
Original F. Data		
Standard deviation	37.3	24.6
Mean f/m^2	64.2	30.1
Arc Sine Trans. Data		
Mean f/m^2	57.3	30.8
Corrected mean	70.9	26.1

t tests: $t_{7\ df} = 5.058$ (original) and 4.879 (transformed); both significant at 0.005.

Variance ratio: $F_{orig.} = 2.293$ and $F_{trans.} = 2.727$; both are not significant at 0.1.

Individual $\chi^2_{1\ df}$ for each pair of plots: all eight pairs show significant differences (one pair at 0.05, one pair at 0.005, and six pairs beyond 0.001).

Heterogeneity $\chi^2_{7\ df} = 2031.657$; significant beyond 0.001.