

TABLE 56. Comparison of light by percent of open sunlight in forested habitats on 5 May 1972, with and without *H. helix* and *L. japonica* from simple random sampling design surveys on arc sine transformed data

Characteristics	Habitats					
	Forest, no exotics	Flood plain, no exotics	<i>L. japonica</i> natural understory	<i>H. helix</i> upland	<i>H. helix</i> flood plain	<i>L. japonica</i> cleared understory
No. of stations	10	10	8	10	8	10
Mean percent	60.1	68.1	75.5	78.3	80.3	92.0
Arc sine mean	50.9	55.8	60.8	62.4	64.5	75.7
Duncan's 1% test						
Duncan's 0.1% test						
Corrected mean	60.2	68.4	76.2	78.5	81.5	93.9

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

Analysis of variance: $F_{5/50 \text{ df}} = 14.619$; significant beyond 0.001.

Bartlett's: $\chi^2_{5 \text{ df}} = 9.322$; no significant variance at 0.01.