

TABLE 57. Comparison of light by percent of open sunlight in forested habitats on 30 June 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>H. helix</i> upland	<i>L. japonica</i> natural understory	<i>H. helix</i> flood plain	<i>L. japonica</i> cleared understory
No. of stations	10	10	10	8	8	10
Mean percent	28.8	38.5	39.8	40.5	50.6	80.3
Arc sine mean	32.4	38.2	39.1	39.3	45.4	64.7
Duncan's 1% test						
Duncan's 0.1% test						
Corrected mean	28.7	38.3	39.7	40.1	50.6	81.7

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

Analysis of variance: $F_{5/50 \text{ df}} = 34.058$; significant beyond 0.001.

Bartlett's: $\chi^2_{5 \text{ df}} = 13.560$; no significant variance at 0.01.