

TABLE 52. Comparison of light by percent of open sunlight in forested habitats on 7 November, 1971, with and without *H. helix* and *L. japonica* from simple random sampling design surveys on arc sine transformed data

Characteristics	Habitats					
	Forest, no exotics	<i>L. japonica</i> natural understory	<i>H. helix</i> upland	Flood plain, no exotics	<i>H. helix</i> flood plain	<i>L. japonica</i> cleared understory
No. of stations	10	8	10	10	8	10
Mean percent	49.1	62.3	63.8	64.8	70.0	92.2
Arc sine mean	44.5	52.2	53.2	53.9	56.9	75.0
Duncan's 1% test	—	—				—
Duncan's 0.1% test	—	—				—
Corrected mean	49.1	62.5	64.0	65.3	70.1	93.3

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

Analysis of variance:  $F_{5/30 \text{ df}} = 29.905$ ; significant beyond 0.001.

Bartlett's:  $\chi^2_{5 \text{ df}} = 8.642$ ; no significant variance at 0.01.