TABLE 53. Comparison of light by percent of open sunlight in forested habitats on 22 December, 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 | Flood plain, no exotics | *H. helix* flood plain | *H. helix* upland | *L. japonica* natural understory | *L. japonica* cleared understory |
| No. of stations | 10 | 10 | 8 | 10 | 8 | 10 |
| Mean percent | 73.6 | 77.6 | 78.8 | 80.7 | 82.2 | 92.5 |
| Arc sine mean | 59.2 | 61.9 | 62.8 | 64.3 | 65.2 | 74.9 |
| Duncan's 1% test | | | | | | |
| Duncan's 0.1% test | | | | | | |
| Corrected mean | 73.9 | 77.8 | 79.1 | 81.3 | 82.4 | 93.3 |

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

Analysis of variance: $F_{5/50 \text{ df}} = 11.976$; significant beyond 0.001.

Bartlett's: $\chi^2_{5 \text{ df}} = 5.424$; no significant variance at 0.01.