

TABLE 63. Comparison of light by percent of open sunlight in marsh habitats on 5 May 1972, with and without *I. pseudacorus* from simple random sampling design surveys on arc sine transformed data

Characteristics	Habitats			
	Swamp-marsh transition, no exotics	Marsh, no exotics	<i>I. pseudacorus</i> swamp-marsh transition	<i>I. pseudacorus</i> marsh
No. of stations	10	10	13	7
Mean percent	97.4	97.1	100.0	104.1
Arc sine mean	79.8	80.1	83.5	86.1
Duncan's 1% test				
Corrected mean	96.9	97.0	98.7	99.5

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

Analysis of variance: $F_{3/36 \text{ df}} = 1.064$; not significant at 0.01

Bartlett's: $\chi^2_{3 \text{ df}} = 0.900$; no significant variance at 0.01.