

TABLE 65. Comparison of light by percent of open sunlight in marsh habitats on 7 August 1972, with and without *I. pseudacorus* from simple random sampling design surveys on arc sine transformed data

Characteristics	Habitats			
	Swamp-marsh transition, no exotics	<i>I. pseudacorus</i> swamp-marsh transition	<i>I. pseudacorus</i> marsh	Marsh, no exotics
No. of stations	10	13	7	10
Mean percent	84.2	91.5	94.6	97.7
Arc sine mean	69.2	75.2	78.0	82.2
Duncan's 1% test				
Corrected mean	87.4	93.4	95.7	98.2

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

Analysis of variance: $F_{3/36 \text{ df}} = 3.460$; not significant at 0.01.

Bartlett's: $\chi^2_{3 \text{ df}} = 6.722$; no significant variance at 0.01.