

TABLE 59. Comparison of light by percent of open sunlight in marsh habitats on 7 November 1971, 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	83.3	90.3	92.2	93.5
Arc sine mean	67.3	73.4	76.2	79.1
Duncan's 1% test				
Corrected mean	85.2	91.9	94.3	96.4

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

Analysis of variance: $F_{3/36 \text{ df}} = 2.127$; not significant at 0.01.

Bartlett's: $\chi^2_{3 \text{ df}} = 2.008$; no significant variance at 0.01.