

TABLE 61. Comparison of light by percent of open sunlight in marsh habitats on 4 February 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	Marsh, no exotics	<i>I. pseudacorus</i> marsh
No. of stations	10	13	10	7
Mean percent	93.8	95.6	98.6	99.4
Arc sine mean	77.9	78.8	81.9	83.2
Duncan's 1% test				
Corrected mean	95.6	96.2	98.0	98.6

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

Analysis of variance: $F_{3/36 \text{ df}}$ = the light percent mean square was smaller than the error mean square; therefore, not significant.

Bartlett's: $\chi^2_{3 \text{ df}} = 3.132$; no significant variance at 0.01.