

TABLE 60. Comparison of light by percent of open sunlight in marsh habitats on 22 December 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	Marsh, no exotics	<i>I. pseudacorus</i> marsh
No. of stations	10	13	10	7
Mean percent	88.8	92.0	96.6	100.7
Arc sine mean	71.2	75.5	81.1	86.0
Duncan's 1% test	-----			
Duncan's 0.5% test	-----			
Corrected mean	89.6	93.7	97.6	99.5

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

Analysis of variance: $F_{3/36} df = 5.601$; significant at 0.005.

Bartlett's: $\chi^2_{3} df = 4.008$; no significant variance at 0.01.