TABLE 66. Comparison of light by percent of open sunlight in marsh habitats on 22 September 1972, with and without *I. pseudocorus* from simple random sampling design surveys on arc sine transformed data

Characteristics	Habitats			
	Swamp-marsh transition, no exotics	*I. pseudacorus* swamp-marsh transition	*I. pseudacorus* marsh	Marsh, no exotics
No. of stations	10	13	7	10
Mean percent	87.2	94.2	98.8	99.6
Arc sine mean	71.1	79.3	85.7	86.0
Duncan's 1% test		—————————————		
Duncan's 0.5% test		————————————————————		
Corrected mean	89.5	96.5	99.4	99.5

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

Analysis of variance: $F_{3/36\ df} = 5.425$; significant at 0.005.
Bartlett's: $\chi^2_{3\ df} = 5.452$; no significant variance at 0.01.