

TABLE 46. Comparison of *Iris pseudacorus* in swamp-marsh transition with that of open marsh in frequency per m² from a dm² grid by a simple random sampling design survey, arc sine transformed before analysis

Comparisons	Results				
	No. m ² plots	Standard deviation	Mean f/m ²	Corrected mean	Significance
Marsh, April 1971 with transition, April 1972	7	2.3	97.7	98.3	$t_{18 \text{ df}} = 0.792$; not significant at 0.1
	13	5.0	95.4	96.9	
Marsh, April 1972 with transition, May 1972	7	13.5	81.3	83.4	$t_{9 \text{ df}} = 0.585$; not significant at 0.1
	4	12.8	86.0	88.4	
Marsh, June 1972 with transition, August 1972	3	2.3	1.3	1.0	modified, $t' = 1.427$; not significant at 0.1
	13	29.6	15.0	7.9	
Marsh, August 1972 with transition, August 1972	7	0.0	0.0	0.2	modified, $t' = 1.966$; significant at 0.1
	13	29.6	15.0	7.9	