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Long-Term Trends in Ecological Systems:

A Basis for Understanding Responses to Global Change

Contents

Appendix 22. Average (standard error) animal species richness for sites with data

(Multiple stations are given if possible. Sites are grouped by ecosystem type. See Appendix 28 for length of record for each station.)

Site code	Taxon	Station	Richness[1]	Sampling area/effort
Coastal				
FCE	Osteichthyes	Shark Slough	12 (0.5)	Unknown
		Taylor Slough	10 (0.7)	Unknown
MCR	Fish	North Shore region (7 research sites)	67 (2.0)*	Unknown
Eastern forests				
HBR	Aves	10-ha bird count plot	22 (0.5)*	10 ha
NTL	Fish	Crystal Lake	8 (0.3)*	Unit effort
		Sparkling Lake	14 (0.4)	Unit effort
		Trout Lake	23 (0.4)	Unit effort
Temperate grasslands and savannas				
CDR	Orthoptera	Cedar Creek	10 (0.5)*	200 sweeps of an insect net
KNZ	Orthoptera	Watershed 001d	11 (1.2)	200 sweeps of an insect net
		Watershed 004b	11 (1.2)	200 sweeps of an insect net
		Watershed 020b	13 (1.1)	200 sweeps of an insect net
SGS	Aves	USGS Bird Breeding Survey area 17901, Rockport, CO	22 (0.6)	Sighting effort
		USGS Breeding Bird Survey Route 17305, Nunn, CO	32 (0.9)	Sighting effort

[1] Unit is number of species per sampling area or effort.

* Linear regression of the variable against time is significant ($p < 0.05$) and the trend appears linear.