

Ecography

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Supplementary material

Table S1. Transition matrix between phases of the biogeomorphologic succession describing the dynamics of the system between two dates where each value of the matrix represents the individual transition probability calculated for one phase shifting to another phase after one time increment. Succession phases at time t (e.g. 1942) are listed in lines; succession phases at time t+1 (e.g. 1953) are listed in columns. GEO/PION = geomorphologic/pioneer phase; BIOGEO_HERB = biogeomorphologic phase with herbs; BIOGEO_SHRU = biogeomorphologic phase with shrubs; ECOL = ecological phase.

	GEO/PION	BIOGEO_HERB	BIOGEO_SHRU	ECOL
1953				
1942				
GEO/PION	0.07	0.29	0.17	0.46
BIOGEO_HERB	0.07	0.12	0.07	0.74
BIOGEO_SHRU	0.01	0.03	0.07	0.89
ECOL	0.00	0.00	0.00	0.00
1962				
1953				
GEO/PION	0.59	0.04	0.05	0.33
BIOGEO_HERB	0.55	0.09	0.11	0.25
BIOGEO_SHRU	0.30	0.09	0.26	0.35
ECOL	0.30	0.03	0.07	0.60
1974				
1962				
GEO/PION	0.61	0.05	0.16	0.18
BIOGEO_HERB	0.37	0.07	0.09	0.48
BIOGEO_SHRU	0.37	0.02	0.16	0.45
ECOL	0.31	0.02	0.08	0.59
1988				
1974				
GEO/PION	0.53	0.02	0.16	0.29
BIOGEO_HERB	0.31	0.03	0.19	0.47
BIOGEO_SHRU	0.29	0.02	0.19	0.49
ECOL	0.12	0.02	0.11	0.75
2000				
1988				
GEO/PION	0.37	0.03	0.28	0.31
BIOGEO_HERB	0.08	0.03	0.13	0.76
BIOGEO_SHRU	0.20	0.01	0.25	0.53
ECOL	0.07	0.00	0.11	0.82
Mean (1942–2000)				
Mean (1942-2000)				
GEO/PION	0.43	0.09	0.17	0.32
BIOGEO_HERB	0.28	0.07	0.12	0.54
BIOGEO_SHRU	0.23	0.03	0.19	0.55
ECOL	0.20	0.02	0.09	0.69