

Table S6. - Detected environmental and population variables. Response variables that were detected as presence/absence per plot (N = 1) and frequency per plot (N = 45) are indicated with * and **, respectively. See sampling design for method of sampling.

Variable	Sampling (1X Plot)	Sampling (45 X Plot)
a) ABIOTIC	Elevation (m)	Stone **
	Distance from the sea (m)	Rock **
	Slope (< 30°; ≥ 30°) *	Soil **
	Drainage (Low; Good) *	Sand **
		Litter **
b) BIOTIC	Alfa diversity	Species (vascular plants)
	Shannon index	Life form of species
	Evenness index	
	Total coverage	
	<i>Silene velutina</i> coverage	
	Other species coverage	
	Number of species for life form	
	Coverage for life form	
c) DISTURBANCE	Phytophagi and parasites *	
	Grazing *	
	Trampling *	
	Fire *	
	Alien species *	
	Garbage *	
d) POPULATION	Other disturbances *	
	Abundance of individuals (seedlings, saplings, adults, total)	
	Adult size (major axis, minor axis, height)	
	Number of floral stems x adult	
	Number of mature fruits x floral stem	
	Number of seeds x fruit	
	Seed set x adult	