

Adriaens, D., Honnay, O. and Hermy, M. 2007. Does seed retention potential affect the distribution of plant species in highly fragmented calcareous grasslands. – *Ecography* 30: 505–514.

Appendix 1. Overview of the species (n = 180) used for analysis and the group they belong to (Gr: S, specialist; G, generalist), dispersal type (D: 1, anemochorous; 2, epizoochorous; 3, endozoochorous; 4, autochorous or myrmecochorous), their seed morphology (H, hooks; E, elongated; F, flat; B, balloon; N, no appendages), height, seed number and size, calculated retention potentials (Römermann et al. 2005) and patch occupancy within the study area (number of fragments = 64). Goodness of fit test results of the individual species models are provided (Sig.), as well as the standardized logistic regression coefficients and their significance. ***p ≤ 0.001; **0.001 < p ≤ 0.01; *0.01 < p ≤ 0.05; °0.05 < p ≤ 0.1

Species	G	D	M	Plant height (m)	Seed mass (mg)	Seed number	Seed longe- vity	Seed width (mm)	Seed length (mm)	Seed thick- ness (mm)	Seed shape	Retention potential sheep (%)	Retention potential cattle (%)	Patch occu- pancy (%)	Logistic regression equation (n=64)			
															Sig.	β _{Area}	β _{Connectivity}	β _{Area x Connectivity}
<i>Aceras anthropophorum</i>	S	N		0.30	0.00	5										3.07E-05	6.63E-02	-4.94E-06
<i>Acinos arvensis</i>	S	N		0.19	0.26		0.80	0.75	1.33	0.51	1.77	72.68	21.78	36.4 *		-5.81E-05	-3.18E-02	3.82E-06 °
<i>Agrimonia eupatoria</i>	S	2	H	0.45	23.08	2	0.13	4.50	7.47	4.08	1.66	50.33	0.00	63.6 *		-1.76E-05	-2.03E-02	3.84E-06
<i>Allium oleraceum</i>	S	N		0.53	2.00	2	0.00					46.61	6.56	50.0		-3.04E-05	-5.71E-04	8.47E-08
<i>Allium sphaerocephalon</i>	S	N		0.50	1.64	1	0.00	1.48	2.49	1.17	1.68	49.23	7.70	13.6 *		-4.23E-04 °	8.35E-06	6.22E-06

Species	G	D	M	Plant height (m)	Seed mass (mg)	Seed number	Seed longe- vity	Seed width (mm)	Seed length (mm)	Seed thick- ness (mm)	Seed shape	Retention potential sheep (%)	Retention potential cattle (%)	Patch occu- pancy (%)	Logistic regression equation (n=64)		
															Sig.	β_{Area}	$\beta_{Connectivity}$
<i>Anthericum liliago</i>	S		N	0.40	5.30	1		2.44	3.65	2.03	1.50	34.03	2.26	10.6	-5.13E-05	1.17E-02	-1.62E-05
<i>Anthyllis vulneraria</i>	S	1	B	0.35	2.43	2	0.17	1.53	2.27	1.23	1.48	44.05	5.53	48.5	1.35E-05	1.70E-01	-5.08E-08
<i>Arabis hirsuta</i>	S		N	0.45	0.10	2	0.67	0.80	1.40	0.30	1.75	83.09	31.10	43.9	-6.06E-05	-1.20E-02	1.81E-06
<i>Arenaria serpyllifolia</i>	S	4	N	0.12	0.05	4		0.44	0.60	0.32	1.36	89.35	38.42	54.5	-2.07E-05	-1.87E-02	1.63E-06
<i>Asperula cynanchica</i>	S		N	0.20	0.99		0.33	1.14	2.26	0.98	1.98	55.88	10.94	16.7	-2.53E-05	-8.69E-02	2.14E-06
<i>Aster linosyris</i>	S		E	0.40	1.46			1.25	3.47	0.66	2.78	71.08	8.40	12.1	1.12E-05	2.44E-03	-3.55E-05
<i>Astragalus glycyphyllos</i>	S		N	0.75	5.03		0.00	2.12	2.76	1.26	1.30	34.69	2.44	16.7 *	2.27E-05	1.45E-02	* -2.87E-06
<i>Bupleurum falcatum</i>	S		N	0.65	1.85		0.00		2.94			47.64	7.00	69.7 **	-3.86E-05	4.51E-01	1.79E-06
<i>Buxus sempervirens</i>	S		N	1.25	9.12			2.75	5.38	2.75	1.96	27.43	0.82	12.1 ***	-6.47E-04	1.33E-02	° 1.35E-05
<i>Carex caryophylla</i>	S		B	0.15	0.96	3	0.13	1.06	1.78	1.10	1.68	56.28	11.15	69.7	5.94E-07	4.85E-01	9.16E-07
<i>Carex flacca</i>	S	4	B	0.40	0.66		0.50	1.19	1.59	1.03	1.34	61.15	13.90	86.4 *	3.78E-04	-5.01E-03	1.18E-06

Species	G	D	M	Plant height (m)	Seed mass (mg)	Seed number	Seed longe- vity	Seed width (mm)	Seed length (mm)	Seed thick- ness (mm)	Seed shape	Retention potential sheep (%)	Retention potential cattle (%)	Patch occu- pancy (%)	Logistic regression equation (n=64)				
															Sig.	β_{Area}	$\beta_{Connectivity}$	$\beta_{Area \times Connectivity}$	
<i>Carlina vulgaris</i>	S	1	E	0.38	1.14	3	0.14	1.00	3.25	0.82	3.25	74.00	9.98	50.0	**	1.52E-04	°	-2.53E-02	2.84E-07
<i>Centaurea scabiosa</i>	S	1	E	0.65	6.89	4	0.29	2.17	4.36	0.91	2.01	51.28	1.48	59.1	**	-1.26E-06		3.24E-02	1.44E-06
<i>Cerastium pumilum</i>	S		N	0.13	0.08		0.00	0.50	0.54	0.38	1.08	85.23	33.42	27.3		3.55E-05	°	5.61E-02	-1.08E-06
<i>Cirsium acaule</i>	S		E	0.07	3.88	3	0.00	1.79	4.12	1.02	2.30	58.82	3.40	69.7	**	3.34E-04	*	5.76E-04	-2.55E-06
<i>Clematis vitalba</i>	S		E	0.30	2.76		1.00	1.76	3.68		2.09	63.20	4.90	59.1		-1.55E-06		2.19E-02	-3.78E-07
<i>Clinopodium vulgare</i>	S	4	N	0.45	0.49		0.67	1.00	1.30	0.75	1.30	64.94	16.27	12.1		-8.47E-07		2.16E-02	-1.16E-06
<i>Echium vulgare</i>	S		N	0.60	2.91	4	0.75	1.75	2.70	1.57	1.54	41.70	4.65	40.9	*	2.39E-05		8.66E-03	9.26E-07
<i>Epipactis atrorubens</i>	S		N	0.40	0.00							100.00	100.00	21.2		-7.13E-06		-4.05E-02	3.65E-06
<i>Erophila verna</i>	S		N	0.12	0.02	3		0.25	0.44	0.15	1.76	95.60	48.48	37.9	*	-1.90E-05		-4.10E-02	3.55E-06
<i>Euphorbia cyparissias</i>	S		N	0.20	2.51	3	0.80	1.44	1.95	1.39	1.35	43.63	5.37	16.7		8.24E-06		1.43E-02	-1.11E-06
<i>Festuca lemanii</i>	S		E	0.45	0.40				2.70			85.06	17.97	87.9	*	2.53E-04		6.29E-02	-1.78E-06
<i>Fragaria viridis</i>	S		N	0.13	0.47		0.00	1.08	1.40	0.68	1.30	65.47	16.61	63.6		-3.55E-05		1.80E-02	1.57E-06

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															Sig.	β_{Area}	$\beta_{Connectivity}$	$\beta_{Area \times Connectivity}$
<i>Galium pumilum</i>	S		N	0.20	0.50		0.00					64.69	16.10	69.7	-9.98E-06	3.29E-04	2.28E-06	
<i>Galium verum</i>	S	4	N	0.45	0.44	4	0.17	1.20	1.42	1.00	1.18	66.29	17.16	65.2	-1.24E-05	-2.80E-02	3.29E-06	
<i>Genista tinctoria</i>	S		N	0.45	3.86	1	0.00	2.07	2.53	1.18	1.22	38.05	3.42	30.3	-6.91E-06	-1.44E-03	4.46E-07	
<i>Genistella sagittalis</i>	S		N	0.28	2.50			1.65	2.05	1.15	1.24	43.68	5.39	39.4 °	1.34E-05	2.14E-02	4.02E-08	
<i>Gentianella germanica</i>	S		N	0.23	0.18	3	0.20	0.55	0.57	0.50	1.04	76.89	25.24	24.2	3.89E-05	1.06E-02	-5.32E-07	
<i>Geranium columbinum</i>	S	2	N	0.30	5.70	3		1.73	2.20	1.73	1.27	33.12	2.03	18.2	-7.46E-06	-3.74E-02	4.07E-06	
<i>Geranium sanguineum</i>	S		N	0.33	12.30		0.00	2.13	3.38	2.13	1.59	23.98	0.33	10.6 **	1.31E-05	6.89E-02	5.90E-07	
<i>Globularia bisnagarica</i>	S		E	0.19	0.67			0.50	1.47	0.40	2.94	79.90	13.79	53.0 *	3.07E-05	3.39E-03	1.93E-06	
<i>Gymnadenia conopsea</i>	S	1	N	0.50	0.01	5						98.57	56.16	36.4 *	2.56E-05	1.71E-02	5.57E-07	
<i>Helianthemum nummularium</i>	S	2	N	0.20	1.12	3	0.17	1.19	1.67	0.89	1.40	54.26	10.10	78.8 **	-4.70E-05	6.68E-02	1.74E-06	
<i>Helleborus foetidus</i>	S		N	0.55	8.80	4	0.00	2.25	4.76	2.15	2.12	27.85	0.89	56.1 *	2.04E-05	-1.74E-02	2.75E-06	

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															Sig.	β_{Area}	$\beta_{Connectivity}$	$\beta_{Area \times Connectivity}$
<i>Himantoglossum hircinum</i>	S		N	0.53	0.00			0.12	0.42		3.50	100.00	100.00	9.1	7.42E-06	-1.88E-02	2.07E-06	
<i>Hippocrepis comosa</i>	S		N	0.18	4.24	4	0.20	1.65	2.40	1.10	1.45	36.85	3.05	75.8	-1.44E-05	1.01E-02	2.13E-07	
<i>Inula conyzae</i>	S	1	N	0.60	0.21	5	1.00	0.45	2.34	0.32	5.20	75.16	23.77	59.1 °	-6.48E-05	-5.97E-02	4.94E-06 °	
<i>Koeleria macrantha</i>	S		B	0.45	0.27		0.13	0.65	2.82	0.30	4.34	72.24	21.43	71.2 *	-3.69E-06	1.44E-02	3.30E-06	
<i>Leontodon hispidus</i>	S	1	E	0.28	1.24	4	0.39	0.71	6.20	0.41	8.73	73.02	9.43	59.1 **	3.14E-04 **	2.39E-02	-4.46E-06 *	
<i>Medicago lupulina</i>	S	4	N	0.28	1.99	4	0.74	1.22	1.73	0.95	1.42	46.68	6.59	59.1	-4.22E-06	-5.54E-03	5.22E-07	
<i>Melica ciliata</i>	S		E	0.48	1.34		0.00	0.72	1.93	2.25	2.68	72.11	8.93	30.3 *	3.59E-05	2.68E-02	-7.82E-08	
<i>Minuartia hybrida</i>	S		N	0.13	0.04	4		0.45	0.45		1.00	91.10	40.84	10.6	4.08E-05 °	4.05E-03	-1.84E-06	
<i>Onobrychis viciifolia</i>	S		N	0.48	20.66	3	0.00	2.92	3.94	2.08	1.35	18.40	0.00	9.1	-4.38E-06	9.90E-02	-2.86E-06	
<i>Ononis repens</i>	S	4	N	0.25	4.84	2	0.00	2.20	2.50	1.73	1.14	35.17	2.57	53.0	1.34E-05	4.74E-03	3.02E-07	
<i>Ophrys insectifera</i>	S		N	0.30	0.00							100.00	100.00	10.6	4.86E-06	8.85E-04	1.60E-06	
<i>Orchis mascula</i>	S	1	N	0.33	0.00			0.50				100.00	100.00	51.5	-2.11E-05	1.83E-02	4.68E-07	

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															Sig.	β_{Area}	$\beta_{Connectivity}$
<i>Origanum vulgare</i>	S	4	B	0.55	0.09	1	0.73	0.53	0.85	0.39	1.60	84.11	32.19	62.1	2.28E-05	2.00E-03	-1.90E-07
<i>Picris hieracioides</i>	S		E	0.60	1.00		0.75	0.89	3.62	0.59	4.07	75.50	10.87	16.7	2.92E-05	1.27E-02	-4.94E-06
<i>Pimpinella saxifraga</i>	S	4	N	0.25	1.03	4	0.08	1.25	2.19	0.75	1.75	55.36	10.67	81.8	3.05E-04	-1.71E-01	-1.72E-06
<i>Plantago media</i>	S		N	0.30	0.32	4	0.45	0.93	2.08	0.57	2.24	70.21	19.91	53.0	7.22E-06	1.56E-02	4.74E-07
<i>Platanthera chlorantha</i>	S	1	N	0.35	0.00							100.00	100.00	50.0	1.13E-04	-4.65E-02	2.56E-06
<i>Poa compressa</i>	S		B	0.30	0.20		0.00	0.45	1.33	0.45	2.96	75.71	24.23	31.8	-8.93E-05	-1.13E-02	2.45E-06
<i>Poa pratensis</i> subsp. <i>angustifolia</i>	S		B	0.48	0.18	3	0.00	0.36	1.48	0.24	4.11	76.89	25.24	48.5	-5.05E-05	-3.04E-02	1.60E-06
<i>Polygala comosa</i>	S		N	0.19	1.72	3	0.00	1.10	2.65	0.80	2.41	48.60	7.42	40.9	2.57E-05	-3.33E-02	4.86E-07
<i>Polygala vulgaris</i>	S	4	N	0.18	1.96	1	0.13	1.28	2.67	0.78	2.09	46.88	6.67	45.5	-2.32E-05	-5.31E-03	1.05E-06
<i>Polygonatum odoratum</i>	S		N	0.28	37.30	4	0.00					12.76	0.00	30.3	-4.70E-05	-2.66E-02	4.82E-06
<i>Potentilla neumanniana</i>	S		N	0.13	0.63	3	0.33	1.20	1.64	0.65	1.37	61.75	14.26	90.9	1.50E-04	-1.13E-02	2.72E-06

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															Sig.	β_{Area}	$\beta_{Connectivity}$	$\beta_{Area \times Connectivity}$
<i>Primula veris</i>	S	4	N	0.20	0.99	3	0.18	1.20	1.66	0.80	1.38	55.88	10.94	69.7	-1.12E-05	8.14E-03	6.22E-07	
<i>Prunella laciniata</i>	S		N	0.19	1.32			1.28	2.35	0.91	1.84	52.09	9.03	31.8	2.50E-05	4.25E-02	-2.19E-06	
<i>Ranunculus bulbosus</i>	S	2	N	0.23	3.92	3	0.50	2.37	2.97	0.79	1.25	37.85	3.36	39.4	1.96E-05	3.21E-02	-6.55E-07	
<i>Sanguisorba minor</i>	S	4	N	0.48	5.76	2	0.38	1.48	2.83	0.95	1.91	32.99	1.99	89.4 *	2.69E-04	3.47E-02	2.26E-05	
<i>Saxifraga tridactylites</i>	S	4	N	0.09	0.01	4	0.50	0.26	0.36	0.25	1.38	98.57	56.16	25.8	-1.50E-05	4.17E-03	8.88E-07	
<i>Scabiosa columbaria</i>	S	2	E	0.35	2.48	4	0.36	1.73	2.80	1.72	1.62	64.56	5.43	74.2 *	-2.33E-05	-1.26E-02	6.83E-06	
<i>Sedum acre</i>	S	1	N	0.08	0.04	4	0.00	0.35	0.76	0.30	2.17	91.10	40.84	30.3	-2.22E-05	7.75E-03	6.80E-07	
<i>Sedum album</i>	S		N	0.18	0.55			0.33	0.86	0.23	2.61	63.48	15.33	42.4 °	2.04E-05	-1.05E-02	1.58E-06	
<i>Sedum rupestre</i>	S		N	0.23	0.55		0.00	0.32	1.03	0.28	3.22	63.48	15.33	30.3 *	-2.02E-05	2.96E-02 °	5.28E-07	
<i>Seseli libanotis</i>	S		F	0.80	1.56	4		1.80	3.42	0.89	1.90	24.20	2.71	10.6	-1.21E-04	1.40E-01	-1.68E-06	
<i>Sesleria caerulea</i>	S		B	0.28	1.38	3	0.00	1.08	2.16	1.00	2.00	51.51	8.75	48.5 **	1.31E-06	-5.69E-03	3.82E-06	
<i>Silene nutans</i>	S		N	0.45	0.49	3	0.67	0.83	1.09	0.62	1.31	65.00	16.31	12.1	-1.34E-04	6.16E-	-6.93E-07	

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															Sig.	β_{Area}	$\beta_{Connectivity}$
<i>Teucrium botrys</i>	S		N	0.18	0.94	3	1.00	1.58	1.68	1.20	1.06	56.56	11.30	18.2	4.76E-06	-8.56E-02	8.84E-07
<i>Teucrium chamaedrys</i>	S		N	0.19	1.50		0.50	1.38	1.63	1.33	1.18	50.41	8.23	80.3 *	2.54E-05	1.78E-06	4.53E-06
<i>Thlaspi perfoliatum</i>	S		N	0.35	0.27			0.94	1.34	0.45	1.43	72.24	21.43	34.8	-3.97E-05	7.48E-04	1.80E-07
<i>Thymus praecox</i>	S		N	0.15	0.37							68.44	18.64	56.1 **	4.71E-06	4.93E-02	-3.62E-07
<i>Thymus pulegioides</i>	S		N	0.24	0.20	4	0.67					75.71	24.23	45.5	1.92E-05	7.73E-03	-9.90E-07
<i>Verbascum lychnitis</i>	S		N	0.90	0.11	5						82.13	30.13	36.4	-1.15E-05	3.27E-03	6.43E-07
<i>Veronica arvensis</i>	S	4	N	0.18	0.10	5	0.48	0.66	1.04	0.22	1.58	83.09	31.10	42.4	1.56E-07	9.40E-03	6.48E-07
<i>Veronica prostrata</i> subsp. <i>scheereri</i>	S		N	0.25	0.20							75.71	24.23	18.2 *	2.14E-06	1.32E-01	-6.94E-06
<i>Vincetoxicum hirundinaria</i>	S		E	0.60	8.30		0.00	2.50	6.00	1.25	2.40	48.83	1.02	57.6	-1.84E-06	2.97E-03	4.64E-07
<i>Viola hirta</i>	S	4	N	0.10	2.81	2	0.33	1.45	2.15	1.54	1.48	42.15	4.82	86.4 **	-4.58E-05	-7.92E-02	4.51E-05 °
<i>Acer campestre</i>	G	1	F	20.00	96.84	4	0.00	8.67	9.67	2.90	1.12	0.00	0.01	31.8	-4.90E-06	1.38E-02	-2.20E-06

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															Sig.	β_{Area}	$\beta_{Connectivity}$	$\beta_{Area \times Connectivity}$
<i>Acer pseudoplatanus</i>	G	1	F	30.00	110.72	4	0.00	6.50	8.50	4.75	1.31	0.00	0.00	18.2	2.77E-05	3.48E-02	-6.34E-07	
<i>Achillea millefolium</i>	G	1	N	0.30	0.13	4	0.23	0.86	2.00	0.34	2.33	80.41	28.44	48.5	7.26E-06	-1.72E-02	-5.76E-08	
<i>Agrostis capillaris</i>	G		B	0.45	0.06	3	0.67	0.43	1.81	0.38	4.21	87.82	36.46	19.7	-8.78E-06	-7.35E-03	-7.19E-07	
<i>Agrostis stolonifera</i>	G	1	B	0.35	0.08		0.49	0.45	1.08	0.29	2.40	85.23	33.42	13.6	-1.94E-06	1.25E-01	-4.40E-06	
<i>Ajuga reptans</i>	G	4	N	0.25	1.48		0.48	1.45	2.12	1.40	1.46	50.59	8.31	12.1	-2.41E-05	7.53E-02	-3.81E-07	
<i>Allium vineale</i>	G		N	0.40	0.50		0.00					64.69	16.10	9.1 **	-2.82E-05	-6.77E-02	9.57E-06	
<i>Arrhenatherum elatius</i>	G	2	B	1.05	3.29		0.21	1.22	3.81	1.21	3.12	40.11	4.10	31.8	1.92E-05	4.83E-02	-1.92E-06	
<i>Arum maculatum</i>	G	3	N	0.28	268.45	2	0.00	4.09	4.54	3.39	1.11	1.09	0.00	10.6	-9.59E-06	-2.15E-02	-7.95E-06	
<i>Asplenium ruta-muraria</i>	G	1	N	0.13	0.00							100.00	100.00	40.9	1.13E-05	-2.46E-02	-9.76E-08	
<i>Asplenium trichomanes</i>	G	1	N	0.27	0.00							100.00	100.00	25.8	-8.86E-07	-2.23E-02	-3.76E-06	
<i>Avenula pubescens</i>	G	2	E	0.65	1.89	4	0.18	0.90	5.12	0.55	5.69	67.95	6.88	66.7 °	-1.73E-05	-4.06E-02	4.83E-06 °	
<i>Betula pendula</i>	G		F	30.00	0.13	5	0.77	0.97	1.85	0.23	1.91	55.68	7.10	47.0	2.39E-05	-1.06E-02	-5.56E-07	

Species	G	D	M	Plant height (m)	Seed mass (mg)	Seed number	Seed longevity	Seed width (mm)	Seed length (mm)	Seed thickness (mm)	Seed shape	Retention potential sheep (%)	Retention potential cattle (%)	Patch occupancy (%)	Logistic regression equation (n=64)			
															Sig.	β_{Area}	$\beta_{Connectivity}$	$\beta_{Area \times Connectivity}$
<i>Briza media</i>	G	B		0.38	0.62	4	0.00	0.87	1.68	0.47	1.93	61.95	14.39	62.1 °	-1.13E-05	-3.66E-02	3.89E-06	
<i>Campanula rotundifolia</i>	G	4	N	0.24	0.06	4	0.33	0.44	0.91	0.29	2.07	87.82	36.46	69.7	-2.86E-05	-4.60E-02	3.72E-06	
<i>Carpinus betulus</i>	G	F		25.00	63.80		0.00	6.59	7.87	2.60	1.19	0.06	0.01	43.9 °	1.29E-05	7.61E-01	-4.49E-06	
<i>Centaurea jacea</i>	G		N	0.70	2.00	4	0.21	1.45	3.00	1.00	2.07	46.61	6.56	75.8	-2.35E-05	-1.84E-02	3.73E-06	
<i>Cerastium arvense</i>	G		N	0.18	0.30	3	0.60	0.85	0.92	0.53	1.08	70.98	20.48	10.6	-6.04E-05	-1.84E-02	3.29E-06	
<i>Cerastium fontanum</i>	G	4	N	0.18	0.12		0.67					81.24	29.24	25.8	2.08E-05	5.66E-01	-2.44E-06	
<i>Cirsium arvense</i>	G	1	E	0.70	1.58	5	0.52	1.14	3.28	0.69	2.88	70.13	7.92	25.8	1.16E-05	-3.04E-02	-1.61E-06	
<i>Cirsium vulgare</i>	G	1	E	0.80	2.37	4	0.39	1.50	3.81	0.96	2.54	65.13	5.66	31.8	2.08E-05	1.64E-02	-1.52E-06	
<i>Colchicum autumnale</i>	G		N	0.18	5.60	3	0.00	2.25	2.56	2.23	1.14	33.34	2.08	39.4 °	3.72E-06	8.40E-01	-1.51E-06	
<i>Convolvulus arvensis</i>	G	3	N	0.60	10.35	3	0.35	2.30	3.78	2.07	1.64	25.95	0.59	22.7	1.17E-06	-4.71E-02	1.51E-06	
<i>Cornus sanguinea</i>	G		N	2.50	35.16	1	0.00	4.70	4.98	4.58	1.06	13.29	0.00	69.7 *	-8.45E-05	-3.71E-02	6.20E-06 °	

Species	G	D	M	Plant height (m)	Seed mass (mg)	Seed number	Seed longe- vity	Seed width (mm)	Seed length (mm)	Seed thick- ness (mm)	Seed shape	Retention potential sheep (%)	Retention potential cattle (%)	Patch occu- pancy (%)	Logistic regression equation (n=64)			
															Sig.	β_{Area}	$\beta_{Connectivity}$	$\beta_{Area \times Connectivity}$
<i>Corylus avellana</i>	G	4	N	7.00	1,041.95		0.00	12.50	18.75	8.50	1.50	0.00	0.00	66.7	2.38E-06	1.92E-02	-7.48E-07	
<i>Crataegus monogyna</i>	G	3	N	6.00	64.87		0.00	5.28	7.43	5.13	1.41	8.30	0.00	89.4 °	-8.48E-05	-5.43E-02	7.67E-06	
<i>Cytisus scoparius</i>	G		N	1.45	7.78		0.50	2.45	3.59	1.35	1.47	29.32	1.17	10.6	1.71E-05	-1.64E-01	-2.45E-06	
<i>Dactylis glomerata</i>	G		B	0.70	0.99		0.43	0.99	2.77	0.83	2.80	55.88	10.94	53.0	5.42E-06	-2.86E-02	-6.54E-07	
<i>Daucus carota</i>	G	2	H	0.45	1.09	4	0.72	1.75	2.94	0.52	1.68	86.30	10.28	18.2 °	2.06E-05	-1.31E-01	-2.31E-06	
<i>Digitalis lutea</i>	G		N	0.80	0.07			0.60	0.85	0.40	1.42	86.46	34.82	31.8 °	-2.71E-05	3.16E-03	1.45E-06	
<i>Epilobium angustifolium</i>	G	1	E	1.20	0.08	5	0.52	0.35	1.09	0.25	3.11	96.64	33.42	9.1	-2.71E-05	3.16E-03	1.45E-06	
<i>Euonymus europaeus</i>	G	3	N	3.75	32.96	1	0.00	4.14	6.45	3.36	1.56	13.87	0.00	18.2	-7.04E-05	-2.95E-02	8.69E-07	
<i>Fagus sylvatica</i>	G	4	H	40.00	254.01	1	0.00	9.27	14.63	8.70	1.58	20.68	0.00	28.8	-8.85E-06	2.75E-02	-2.53E-07	
<i>Fragaria vesca</i>	G	3	N	0.18	0.34	3	0.41	0.88	1.27	0.61	1.44	69.47	19.37	59.1	-8.84E-06	4.25E-03	3.85E-07	
<i>Fraxinus excelsior</i>	G	1	F	30.00	77.40	5	0.11	3.61	12.70	1.03	3.52	0.00	0.00	37.9 *	-1.36E-04 °	1.11E-02	2.02E-06	
<i>Galium aparine</i>	G	2	H	0.58	8.34	3	0.31	2.63	3.20	2.28	1.22	63.59	1.01	10.6	-7.04E-06	2.05E-	-6.56E-05	

Species	G	D	M	Plant height (m)	Seed mass (mg)	Seed number	Seed longe- vity	Seed width (mm)	Seed length (mm)	Seed thick- ness (mm)	Seed shape	Retention potential sheep (%)	Retention potential cattle (%)	Patch occu- pancy (%)	Logistic regression equation (n=64)				
															Sig.	β_{Area}	$\beta_{Connectivity}$	$\beta_{Area \times Connectivity}$	
<i>Galium mollugo</i>	G		N	0.83	0.53	5	0.21	1.13	1.22	1.00	1.08	63.95	15.63	40.9	°	-9.77E-05	-2.25E-01	1.92E-06	°
<i>Geranium robertianum</i>	G	2	E	0.40	1.14	2	0.36	1.09	1.81	0.97	1.66	74.00	9.98	25.8		-5.18E-06	-9.85E-02	-8.03E-07	
<i>Geum urbanum</i>	G	2	H	0.45	2.45		0.20	1.75	4.54	0.69	2.59	78.18	5.49	24.2		-5.23E-05	-9.83E-02	1.33E-06	
<i>Glechoma hederacea</i>	G	4	N	0.25	0.68	2	0.30					60.77	13.68	15.2		-1.24E-05	2.49E-02	-4.16E-05	
<i>Hedera helix</i>	G		N	30.00	256.17	1	0.00	3.58	5.12	3.10	1.43	1.23	0.00	28.8		-4.35E-05	2.67E-01	3.92E-08	
<i>Heracleum sphondylium</i>	G	1	N	1.00	5.88	4	0.25	6.35	8.22	0.72	1.29	32.74	1.93	22.7	*	-1.79E-05	-3.01E-02	1.98E-06	*
<i>Hieracium pilosella</i>	G	1	E	0.18	0.16	5		0.44	1.88	0.35	4.27	92.58	26.38	81.8	**	5.54E-04	* -7.72E-01	-2.52E-06	
<i>Hypericum perforatum</i>	G	4	N	0.43	0.10	5	0.81	0.42	1.16	0.37	2.76	83.09	31.10	81.8	*	-6.17E-05	-5.71E-02	7.89E-06	*
<i>Hypochoeris radicata</i>	G	1	E	0.38	0.96	4	0.32					75.96	11.15	19.7	°	2.36E-05	-7.00E-02	1.83E-06	
<i>Juniperus communis</i>	G		N	2.50	7.92	4	0.00	2.75	4.50	2.75	1.64	29.11	1.13	15.2	°	-1.98E-04	9.38E-02	7.04E-06	
<i>Knautia arvensis</i>	G	2	E	0.45	4.63	4	0.08	2.14	5.05	1.31	2.36	56.51	2.73	66.7		3.46E-06	2.91E-02	2.70E-07	

Species	G	D	M	Plant height (m)	Seed mass (mg)	Seed number	Seed longevity (mm)	Seed width (mm)	Seed length (mm)	Seed thickness (mm)	Seed shape	Retention potential sheep (%)	Retention potential cattle (%)	Patch occupancy (%)	Logistic regression equation (n=64)			
															Sig.	β_{Area}	$\beta_{Connectivity}$	$\beta_{Area \times Connectivity}$
<i>Lathyrus pratensis</i>	G	4	N	0.75	14.88	2	0.14	2.57	3.11	2.02	1.21	21.87	0.13	25.8	-1.43E-05	5.46E-02	-9.82E-07	
<i>Lepidium campestre</i>	G	2	N	0.40	1.57	3	1.00	1.29	2.22	1.21	1.72	49.81	7.96	9.1 **	-1.13E-04	1.78E-01	5.95E-06	
<i>Leucanthemum vulgare</i>	G		N	0.45	0.33	4	0.52	0.82	2.40		2.93	69.83	19.63	59.1	2.01E-05	1.27E-02	-5.15E-07	
<i>Ligustrum vulgare</i>	G	3	N	1.50	179.39	1	0.00	2.53	3.88	1.72	1.53	2.48	0.00	62.1 *	-1.29E-04	-5.20E-02	7.13E-06 *	
<i>Linaria vulgaris</i>	G	4	N	0.45	0.15	5	0.43	0.50	1.04	0.35	2.08	78.89	27.02	12.1	-4.60E-05	-3.46E-01	-7.47E-06	
<i>Linum catharticum</i>	G	4	N	0.18	0.13	4	0.67	0.74	1.27	0.22	1.72	80.41	28.44	78.8 **	3.07E-04	-2.59E-02	4.94E-06	
<i>Listera ovata</i>	G	1	N	0.40	0.00	5						100.00	100.00	25.8 **	1.86E-05	1.98E-01	-7.31E-06 *	
<i>Lonicera perichyenum</i>	G	3	N	3.00	7.54	1	0.00	2.63	4.18	1.18	1.59	29.70	1.24	16.7	-1.64E-05	-1.66E-02	-1.21E-06	
<i>Lotus corniculatus</i>	G		N	0.18	1.25	3	0.44	1.22	1.48	1.05	1.21	52.81	9.38	87.9 ***	1.65E-03	-5.76E-02	1.07E-05	
<i>Luzula campestris</i>	G	4	N	0.13	0.76	3	0.44	0.92	1.35	0.80	1.47	59.33	12.84	15.2	-2.26E-05	-3.02E-01	2.95E-06	
<i>Melica nutans</i>	G		N	0.45	4.05	3	0.25	1.43	2.80	2.75	1.96	37.43	3.23	9.1	-1.11E-05	1.04E-01	-1.64E-05	
<i>Mercurialis perennis</i>	G	4	N	0.25	2.20	3	0.00	2.85	2.93	2.85	1.03	45.36	6.05	9.1	-1.50E-05	-3.25E-01	2.17E-06	

Species	G	D	M	Plant height (m)	Seed mass (mg)	Seed number	Seed longevity	Seed width (mm)	Seed length (mm)	Seed thickness (mm)	Seed shape	Retention potential sheep (%)	Retention potential cattle (%)	Patch occupancy (%)	Logistic regression equation (n=64)		
															Sig.	β_{Area}	$\beta_{Connectivity}$
<i>Myosotis arvensis</i>	G	2	N	0.35	0.29	3	0.70	0.89	1.43	0.48	1.61	71.39	20.79	39.4	-2.02E-05	3.66E-01	-5.44E-07
<i>Plantago lanceolata</i>	G	2	N	0.28	1.81	4	0.55	1.39	2.84	0.75	2.04	47.93	7.12	75.8 *	-2.12E-05	-1.43E-02	6.06E-06
<i>Plantago major</i>	G		N	0.25	0.26	5	0.78	0.81	1.50	0.41	1.85	72.68	21.78	15.2	3.27E-05	9.91E-02	-4.63E-06
<i>Populus tremula</i>	G		E	20.00	0.05		0.00	0.39	1.10	0.39	2.82	98.51	38.42	13.6	1.56E-05	-6.85E-02	-1.33E-06
<i>Potentilla reptans</i>	G	3	N	0.15	0.28	2	0.44	0.76	1.05	0.55	1.38	71.81	21.10	22.7	1.47E-05	3.52E-02	-1.89E-05
<i>Prunella vulgaris</i>	G	2	N	0.28	0.67	3	0.30	1.03	1.77	0.73	1.72	60.96	13.79	24.2	1.89E-05	3.38E-03	-2.49E-06
<i>Prunus avium</i>	G	3	N	11.50	175.00	1	0.00	1.19	9.00	5.50	7.56	2.58	0.00	15.2	5.90E-06	2.25E-02	-1.12E-05
<i>Prunus spinosa</i>	G	3	N	3.50	145.20	1	0.00	7.41	8.50	5.18	1.15	3.42	0.00	90.9	1.08E-05	-1.71E-02	8.77E-07
<i>Quercus petraea</i>	G		N	35.00	774.65	5	0.00	12.35	19.25	12.17	1.56	0.00	0.00	12.1	-3.31E-05	7.85E-02	-2.88E-06
<i>Quercus robur</i>	G		N	30.00	3,853.00	5	0.00	13.98	18.40	14.33	1.32	0.00	0.00	86.4 °	-5.46E-05	-4.23E-02	8.74E-06
<i>Ranunculus acris</i>	G	2	N	0.60	1.74	3	0.39	1.96	2.79	0.73	1.42	48.45	7.35	13.6	-2.91E-05	-5.85E-02	6.14E-07

Species	G	D	M	Plant height (m)	Seed mass (mg)	Seed number	Seed longevity	Seed width (mm)	Seed length (mm)	Seed thickness (mm)	Seed shape	Retention potential sheep (%)	Retention potential cattle (%)	Patch occupancy (%)	Logistic regression equation (n=64)			
															Sig.	β_{Area}	$\beta_{Connectivity}$	$\beta_{Area \times Connectivity}$
<i>Rhamnus cathartica</i>	G		N	4.50	15.09	4		2.83	4.67	2.70	1.65	21.71	0.12	37.9	°	3.14E-06	1.50E-02	5.43E-07
<i>Ribes uva-crispa</i>	G	3	N	0.90	8.00	1	0.00	1.75	3.58	1.25	2.05	28.99	1.10	10.6		-1.57E-05	8.78E-02	-5.12E-06
<i>Rosa canina</i>	G		N	5.00	22.63	1	0.00	3.00	5.07	2.54	1.69	17.47	0.00	86.4	°	-8.96E-05	-5.82E-02	5.85E-06 °
<i>Rosa micrantha</i>	G		N	3.50	524.50							0.03	0.00	13.6	*	-7.03E-05	-5.70E-02	7.40E-06
<i>Rubus idaeus</i>	G	3	N	1.05	1.45	3	0.67	1.57	2.69	1.07	1.71	50.86	8.44	10.6		2.34E-05	6.27E-02	-2.72E-06
<i>Salix caprea</i>	G		E	6.00	0.09		0.00	0.53	1.18	0.35	2.23	96.06	32.19	15.2		3.98E-05 °	3.31E-01	-3.35E-05
<i>Salix cinerea</i>	G		E	4.00	0.09		0.00	1.88	1.33		0.71	96.06	32.19	16.7	**	-2.18E-04 *	-3.91E-01	1.80E-05 *
<i>Senecio erucifolius</i>	G		N	0.75	0.50		0.33	0.50	2.01	0.47	4.02	64.69	16.10	16.7		1.51E-05	-4.75E-02	-2.48E-06
<i>Senecio jacobaea</i>	G	1	E	0.60	0.05	5	0.58	0.50	2.02	0.41	4.04	98.51	38.42	69.7		-1.25E-05	1.38E-02	-5.40E-07
<i>Solidago virgaurea</i>	G	1	E	0.53	0.55	4	0.11	0.63	3.37	0.52	5.35	81.94	15.33	12.1	*	-2.46E-05	8.40E-02	-3.96E-07
<i>Sonchus asper</i>	G	1	E	0.40	0.28	5	0.63	1.06	2.70	0.25	2.55	88.26	21.10	33.3		1.96E-05	2.32E-02	-1.71E-06
<i>Sorbus torminalis</i>	G		N	15.00	180.00	4		3.18	6.05	2.13	1.90	2.46	0.00	15.2		-3.09E-05	-1.30E-02	-1.95E-07

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															Sig.	β_{Area}	$\beta_{Connectivity}$	$\beta_{Area \times Connectivity}$
<i>Stachys officinalis</i>	G		N	0.50	1.21	1	0.40	1.51	2.68	0.86	1.77	53.24	9.59	33.3 **	-8.26E-05	-1.15E-02	1.42E-05 *	
<i>Tragopogon pratensis</i>	G	1	E	0.45	7.64	3	0.40	1.48	13.50	1.22	9.12	49.92	1.21	33.3	1.38E-05	1.67E-01	1.43E-07	
<i>Trifolium medium</i>	G	2	N	0.33	2.42	2	0.00	1.42	1.84	0.88	1.30	44.11	5.55	34.8	3.29E-05	4.31E-03	-5.97E-07	
<i>Trifolium pratense</i>	G	2	N	0.33	1.48	3	0.49	1.40	1.94	0.97	1.39	50.59	8.31	16.7	-3.22E-06	-7.61E-03	2.64E-07	
<i>Trisetum flavescens</i>	G	2	E	0.50	0.31	5	0.00	0.45	2.50	0.20	5.56	87.38	20.19	13.6	-3.58E-06	1.44E-02	7.82E-07	
<i>Urtica dioica</i>	G	2	H	0.95	0.20	4	0.80	1.94	1.19	0.33	0.61	97.61	24.23	9.1	-6.19E-05	-3.64E-02	-6.68E-06	
<i>Valeriana repens</i>	G	1	N	1.00	0.95	4	0.00					56.42	11.23	9.1	2.07E-05	7.82E-01	-3.45E-06	
<i>Valerianella locusta</i>	G	1	B	0.19	1.00	3		0.68	2.33	0.97	3.43	55.75	10.87	22.7	-1.65E-05	-4.91E-02	-3.46E-08	
<i>Veronica chamaedrys</i>	G	4	N	0.40	0.22	2	0.40	1.00	1.18	0.34	1.18	74.62	23.33	24.2	1.31E-05	1.59E-03	-1.27E-06	
<i>Viburnum lantana</i>	G		N	2.50	44.20	1		5.00	7.00	2.25	1.40	11.30	0.00	51.5 **	-1.58E-04 °	-7.30E-03 *	8.37E-06 *	
<i>Vicia cracca</i>	G	4	N	1.20	14.29	3	0.10	2.81	2.89	2.70	1.03	22.31	0.17	13.6 **	-5.81E-06	2.06E-02 *	-5.17E-06	

Species	G	D	M	Plant height (m)	Seed mass (mg)	Seed number	Seed longevity (mm)	Seed width (mm)	Seed length (mm)	Seed thickness (mm)	Seed shape	Retention potential sheep (%)	Retention potential cattle (%)	Patch occupancy (%)	Logistic regression equation (n=64)		
															Sig.	β_{Area}	$\beta_{Connectivity}$
<i>Vicia hirsuta</i>	G	4	N	0.45	6.96	3	0.60	2.28	2.36	1.86	1.04	30.67	1.45	47.0	2.69E-05	4.38E-04	-4.57E-07
<i>Vicia sativa</i>	G		N	0.40	39.44	2	0.45	4.09	4.18	3.36	1.02	12.27	0.00	25.8	6.11E-06	-1.05E-04	-7.00E-07
<i>Vicia sepium</i>	G	4	N	0.65	21.40	1	0.11	3.19	3.62	2.74	1.13	18.04	0.00	25.8	1.75E-05	-2.02E-02	-8.52E-07

Appendix 2. Relationships among plant traits, patch occupancy and the logistic regression coefficient for isolation (β -connectivity), for all species together (n=180). Pearson correlations, one-way ANOVA's and Pearson χ^2 -tests (underlined) were used to assess significance of interrelations for continuous-continuous, continuous-nominal and nominal-nominal variable combinations respectively. ^anominal variable, ^bordinal variable

variable		seed mass	seed width	seed length	seed thickness	seed shape	seed number ^b	dispersal type ^a	seed morphology ^a	retention potential sheep	retention potential cattle	seed longevity	plant height	patch occupancy
seed width	r	0.90***												
	n	156												
seed length	r	0.87***	0.83***											
	n	159	156											
seed thickness	r	0.91***	0.88***	0.76***										
	n	151	151	159										
seed shape	r	-0.20*	-0.44***	0.13	-0.35***									
	n	156	156	156	151									
seed number ^b	r	-0.40***	-0.31***	-0.16°	-0.39***	0.28**								
	n	128	118	118	116	118								
dispersal type ^a	F/ χ^2	6.46**	2.15	3.39*	4.31**	9.84***	15.67***							
	n/df	92/3	82/3	83/3	82/3	92/3	79/3							
seed morphology ^a	F/ χ^2	3.42*	7.41***	4.56**	3.35*	16.21***	4.42**	<u>34.03***</u>						
	n/df	180/4	156/4	159/4	151/4	156/4	128/4	92/8						
retention potential sheep	r	-0.94***	-0.85***	-0.78***	-0.85***	0.27***	0.41***	7.50***	9.02***					
	n	180	156	159	151	156	128	92/3	180/4					
retention potential cattle	r	-0.80***	-0.87***	-0.81***	-0.87***	0.21**	0.43***	6.50**	1.70	0.84***				
	n	180	156	159	151	156	128	92/3	180/4	180				
seed longevity	r	-0.46***	-0.36***	-0.37***	-0.44***	0.04	0.32***	2.41°	0.35	0.43***	0.41***			
	n	146	136	137	133	136	113	82/3	146/4	146	146			
plant height	r	0.58***	0.56***	0.62***	0.51***	0.01	-0.05	3.54*	11.21***	-0.53***	-0.36***	-0.30***		

	n	180	156	159	151	156	128	92/3	180/4	180	180	146		
patch occupancy	r	0.04	0.05	0.07	0.00	0.05	0.03	1.08	1.33	-0.05	-0.08	-0.04	-0.12	
	n	180	156	159	151	156	128	92/3	180/4	180	180	146	180	
β -connectivity	r	0.06	-0.02	0.09	0.12	0.19*	-0.05	0.35	1.22	-0.08	-0.03	-0.08	0.01	-0.03
	n	180	156	159	151	156	128	92/3	180/4	180	180	146	180	180

***p < 0.001; **0.001 < p < 0.01; *0.01 < p < 0.05; °0.05 < p < 0.1

Appendix 3. Relationships among plant traits, patch occupancy and the logistic regression coefficient for isolation (β -connectivity), for specialist species (n=84). Pearson correlations, one-way ANOVA's and Pearson χ^2 -tests (underlined) were used to assess significance of interrelations for continuous-continuous, continuous-nominal and nominal-nominal variable combinations respectively. ^anominal variable, ^bordinal variable

variable		seed mass	seed width	seed length	seed thickness	seed shape	seed number ^b	dispersal type ^a	seed morphology ^a	retention potential sheep	retention potential cattle	seed longevity	plant height	patch occupancy
seed width	r	0.89***												
	n	69												
seed length	r	0.84***	0.81***											
	n	72	69											
seed thickness	r	0.86***	0.89***	0.68***										
	n	66	66	66										
seed shape	r	-0.12	-0.34**	0.27*	-0.34**									
	n	69	69	69	66									
seed number ^b	r	-0.36**	-0.31*	-0.16	-0.30*	0.21								
	n	51	45	45	44	45								
dispersal type ^a	F/ χ^2	4.29*	3.77*	2.28	3.80*	11.49***	1.32							
	n/df	28/2	25/2	26/2	25/2	25/2	24/2							
seed morphology ^a	F/ χ^2	2.25°	1.94	5.18**	1.81	6.24***	1.28	<u>10.51</u>						
	n/df	84/4	69/4	72/4	66/4	69/4	51/4	28/6						
retention potential sheep	r	-0.91***	-0.86***	-0.73***	-0.79***	0.25*	0.39**	4.44*	0.70					
	n	84	69	72	66	69	51	28/2	84/4					
retention potential cattle	r	-0.84***	-0.89***	-0.80***	-0.86***	0.14	0.40**	3.75*	1.37	0.91***				
	n	84	69	72	66	69	51	28/2	84/4	84				
seed longevity	r	-0.28*	-0.10	-0.14	-0.20	-0.06	0.26°	0.18	0.302	0.28*	0.26*			
	n	60	55	56	54	55	42	23/2	60/4	60	60			
plant height	r	0.22*	0.32**	0.46***	0.34**	0.23°	-0.04	0.90	1.37	-0.17	-0.08	0.05		
	n	84	69	72	66	69	51	28/2	84/4	84	84	60		
patch occupancy	r	0.10	0.11	0.15	-0.05	0.05	-0.01	0.69	2.29°	-0.10	-0.20°	-0.02	-0.19°	
	n	84	69	72	66	69	51	28/2	84/4	84	84	60	84	
β -connectivity	r	0.21°	0.30*	0.28*	0.24°	-0.07	-0.06	0.42	2.63*	-0.24*	-0.21°	-0.09	0.31**	-0.40***

n	84	69	72	66	69	51	28/2	84/4	84	84	60	84	84
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***p < 0.001; **0.001 < p < 0.01; *0.01 < p < 0.05; °0.05 < p < 0.1

Appendix 4. Relationships among plant traits, patch occupancy and the logistic regression coefficient for isolation (β -connectivity), for generalist species (n=96). Pearson correlations, one-way ANOVA's and Pearson χ^2 -tests (underlined) were used to assess significance of interrelations for continuous-continuous, continuous-nominal and nominal-nominal variable combinations respectively. ^anominal variable, ^bordinal variable

variable		seed mass	seed width	seed length	seed thickness	seed shape	seed number ^b	dispersal type ^a	seed morphology ^a	retention potential sheep	retention potential cattle	seed longevity	plant height	patch occupancy	
seed width	r	0.90***													
	n	87													
seed length	r	0.88***	0.83***												
	n	87	87												
seed thickness	r	0.92***	0.87***	0.78***											
	n	85	85	85											
seed shape	r	-0.25*	-0.52***	0.05	-0.36**										
	n	87	87	87	85										
seed number ^b	r	-0.44***	-0.35**	-0.19	-0.45***	0.31**									
	n	77	73	73	72	73									
dispersal type ^a	F/ χ^2	4.25**	1.28	1.43	3.91*	4.88**	16.88***								
	n/df	64/3	57/3	57/3	57/3	57/3	55/3								
seed morphology ^a	F/ χ^2	3.53*	7.43***	2.20°	4.00**	10.00***	4.20**	<u>27.50**</u>							
	n/df	96/4	87/4	87/4	85/4	87/4	77/4	64/8							
retention potential sheep	r	-0.95***	-0.85***	-0.80***	-0.87***	0.28**	0.43***	5.20**	9.82***						
	n	96	87	87	85	87	77	64/3	96/4						
retention potential cattle	r	-0.82***	-0.87***	-0.84***	-0.87***	0.26*	0.47***	4.00*	1.67	0.89***					
	n	96	87	87	85	87	77	64/3	96/4	96					
seed longevity	r	-0.59***	-0.52***	-0.54***	-0.59***	0.10	0.36**	2.22°	0.59	0.54***	0.53***				
	n	86	81	81	79	81	71	59/3	86/4	86	86				
plant height	r	0.63***	0.58***	0.63***	0.53***	-0.07	-0.07	1.52	7.39***	-0.60***	-0.48***	-0.52***			
	n	96	87	87	85	87	77	64/3	96/4	96	96	86			
patch occupancy	r	0.10	0.10	0.14	0.08	0.05	0.06	0.20	0.56	-0.11	-0.06	-0.06	0.03		
	n	96	87	87	85	87	77	64/3	96/4	96	96	86	96		
β -connectivity	r	0.10	-0.02	0.15	0.15	0.27*	-0.05	0.39	0.70	-0.11	-0.02	-0.08	0.07	0.02	
	n	96	87	87	85	87	77	64/3	96/4	96	96	86	96	96	

***p < 0.001; **0.001 < p < 0.01; *0.01 < p < 0.05; °0.05 < p < 0.1