

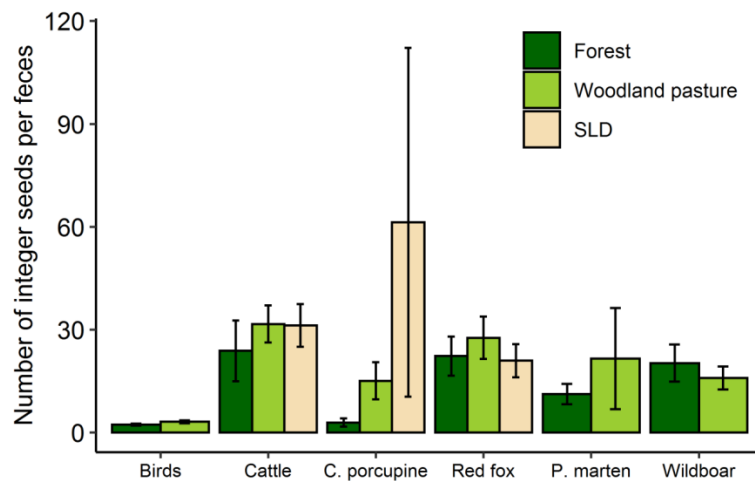
1 Electronic Supplemental Material (ESM)

2 Bueno et al. - Trophic and spatial complementarity on seed dispersal services by birds, mammal and cattle
 3 in a Mediterranean woodland pasture

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 5 Table S1. Summary of the seed dispersal data for mammals and birds in Alpe Cucco. * Including 3 cultivated
 6 plant species

Specie	English name	Feces	% feces with seeds	N seeds	Seed density (n ha)	Mean number seeds (\pm SD) per feces	% predated seeds	Total Richness
<i>Bos taurus</i>	Cattle	132	47.7	4125	238.8	31.2 (\pm 43.3)	2.1	1
<i>Dama dama</i>	Fallow deer	91	0	0	0.0	-	-	-
<i>Erinaceus europaeus</i>	Hedgehog	8	0	0	0.0	-	-	-
<i>Hystrix cristata</i>	Crested porcupine	39	56.4	849	49.1	21.8 (\pm 34.4)	34.4	2
<i>Martes martes</i>	Pine marten	35	60	504	29.2	14.4 (\pm 27.8)	1.6	4
<i>Oryctolagus cuniculus</i>	Rabbit	3	0	0	0.0	-	-	-
<i>Sus scrofa</i>	Wildboar	112	59.8	2374	137.4	21.2 (\pm 34.9)	16.2	4
<i>Vulpes vulpes</i>	Red Fox	186	81.7	4487	224.8	24.1 (\pm 43.8)	3.5	7*
	Mammals	606	55.7	12339	679	24.2 (\pm 40.4)	7.5	7*
	Birds	155	76.8	435	3625	2.8 (\pm 3.4)	0	9

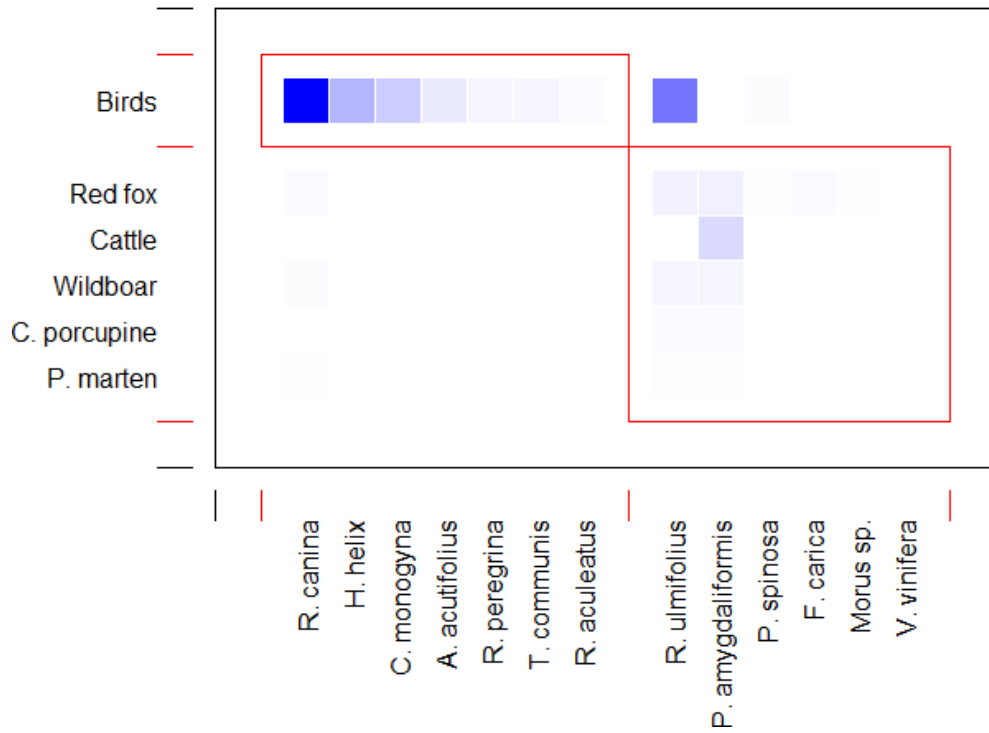
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 9 Fig. S1. Mean number of integer seeds found per dispersal event (feces with seeds) by the different species
 10 of mammals in Alpe Cucco, Sicily, Italy.

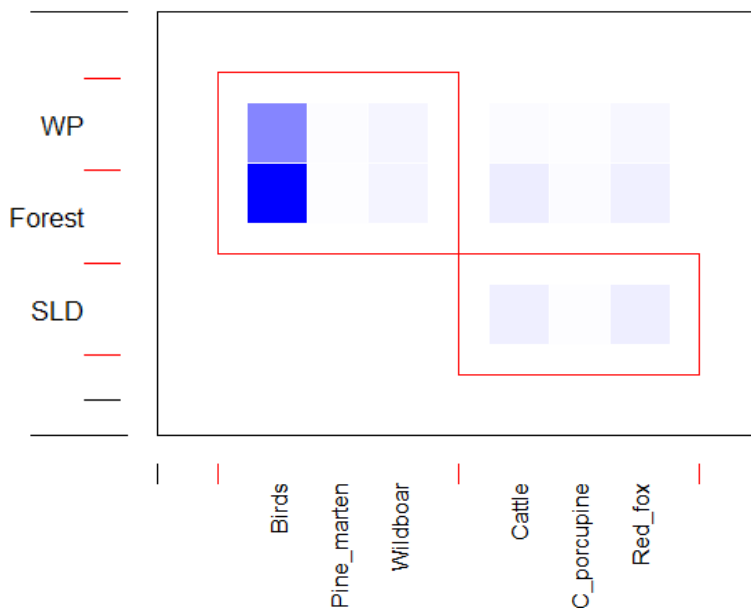
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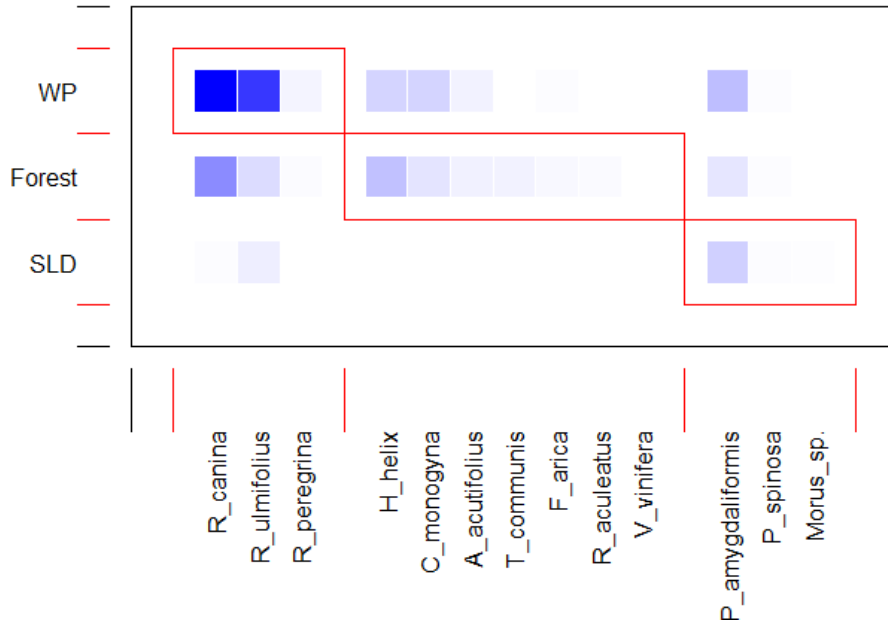
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15 Fig. S2. Trophic seed dispersal matrix of Alpe cucco, with small squares indicating realised
 16 interactions, darker tones indicating stronger observed interactions and red square frames defining the
 17 modules



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19 Fig. S3. Spatial seed dispersal matrix of habitats and animals of Alpe cucco, with small squares
 20 indicating realised interactions, darker tones indicating stronger observed interactions and red square
 21 frames defining the modules



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 23 Fig. S4. Spatial seed dispersal matrix of habitats and plants of Alpe cucco, with small squares
 24 indicating realised interactions, darker tones indicating stronger observed interactions and red square
 25 frames defining the modules
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